







Warning: Refer to current foreign charts and flight information publications for information within foreign girspace

Minneapolis/St Paul Detroit St Louis Atlanta Jacksonville Miami Washington

UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION IFR AREA CHARTS - U.S.

For use up to but not including 18,000' MSL

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

EFFECTIVE 0901Z 29 JUL 2010

TO 0901Z 23 SEP 2010

Consult NOTAMs for latest Information PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE SPECIFICATIONS AND AGREEMENTS APPROVED BY: DEPARTMENT OF DEFENSE + FEDERAL AVIATION ADMINISTRATION

Consult ENROUTE CHARTS for LEGEND Information											
	MILITARY TRAINING ROUTES										
NUMBER	ALTITUDE RANGE	AREA	NUMBER	ALTITUDE RANGE	AREA						
IR-18	5000 TO 7000	Jacksonville	VR-163	500 AGL TO 3000	Dallas/Fort Worth						
IR-32	5000 TO 7000	Jacksonville	VR-223	500 AGL TO 9000	Phoenix						
IR-33	500 AGL TO 6000	Jacksonville	VR-231	100 AGL TO 7000	Phoenix						
IR-103	100 AGL TO 5000	Dallas/Fort Worth	VR-239	300 AGL TO 9500	Phoenix						
IR-105	100 AGL TO 7000	Dallas/Fort Worth	VR-241	300 AGL TO 9500	Phoenix						
IR-139	100 AGL TO 6000	Dallas/Fort Worth	VR-242	300 AGL TO 9000	Phoenix						
IR-207	200 AGL TO 15000	San Francisco	VR-243	300 AGL TO 9500	Phoenix						
IR-415	300 AGL TO 8000	Denver	VR-244	300 AGL TO 9000	Phoenix						
IR-614	500 AGL TO 8000	St Louis	VR-245	300 AGL TO 9000	Phoenix						
IR-714	SURFACE TO 6000	Washington	VR-267	300 AGL TO 6000	Phoenix						
IR-720	5000 TO 8000	Washington	VR-268	300 AGL TO 6000	Phoenix						
IR-760	SURFACE TO 6000	Washington	VR-269	300 AGL TO 6000	Phoenix						
VR-104	300 AGL TO 10000	Dallas/Fort Worth	VR-704	100 AGL TO 11000	Washington						
VR-118	500 AGL TO 15500	Dallas/Fort Worth	VR-705	100 AGL TO 10000	Washington						
VR-142	500 AGL TO 4000	Dallas/Fort Worth	VR-708	100 AGL TO 5500	Washington						
VR-158	500 AGL TO 5000	Dallas/Fort Worth									

ATTENTION

THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA). The off route obstruction clearance altitudes shown in guadrangles bounded by ticked lines of latitude and

longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designated non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage

Example: 12,500 feet

or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

FOR RECOMMENDATIONS REGARDING FORMAT AND CONTENT CONTACT:

FAA, Aeronautical Information Services, AJR-321

800 Independence Ave., S.W., Washington, D.C. 20591

Online at http://nfdc.faa.gov

Email 9-AWA-ATOR-AIS-feedback@faa.gov Telephone 1-866-295-8236

FOR CHARTING ERRORS CONTACT:

FAA, National Aeronautical Navigation Services, ATO-W SSMC-4, Sta. # 4259 1305 East-West Highway

Silver Spring, MD 20910-3281 Telephone 1-800-626-3677

Email 9-AMC-Aerochart@faa.aov

FOR PROCUREMENT CONTACT:

FAA, National Aeronautical Navigation Services Distribution Team, ATO-W 10201 Good Luck Road Glenn Dale, MD 20769-9700 Online at http://AERONAV.FAA.GOV

Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829

or any authorized chart agent

MILITARY

For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV See the FAQs prior to contact via toll free number or email.



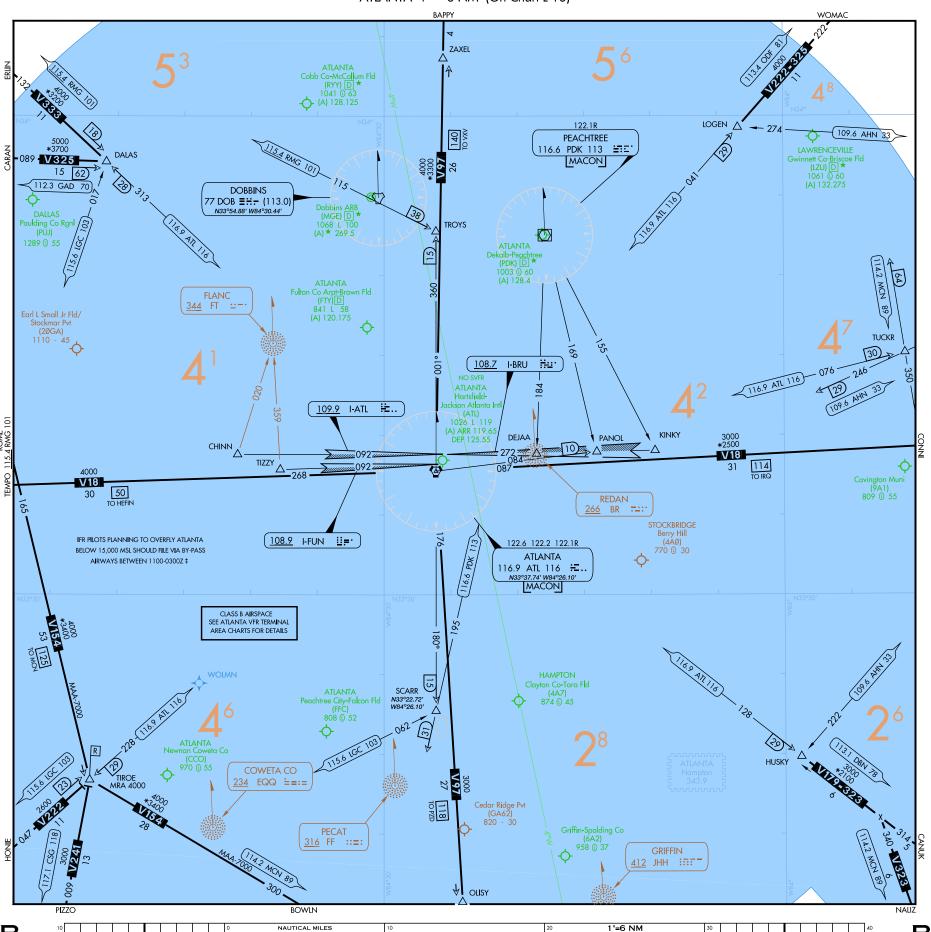
Published by the U.S. Department of Transportation Federal Aviation Administration AeroNav Services http://AERONAV.FAA.GOV

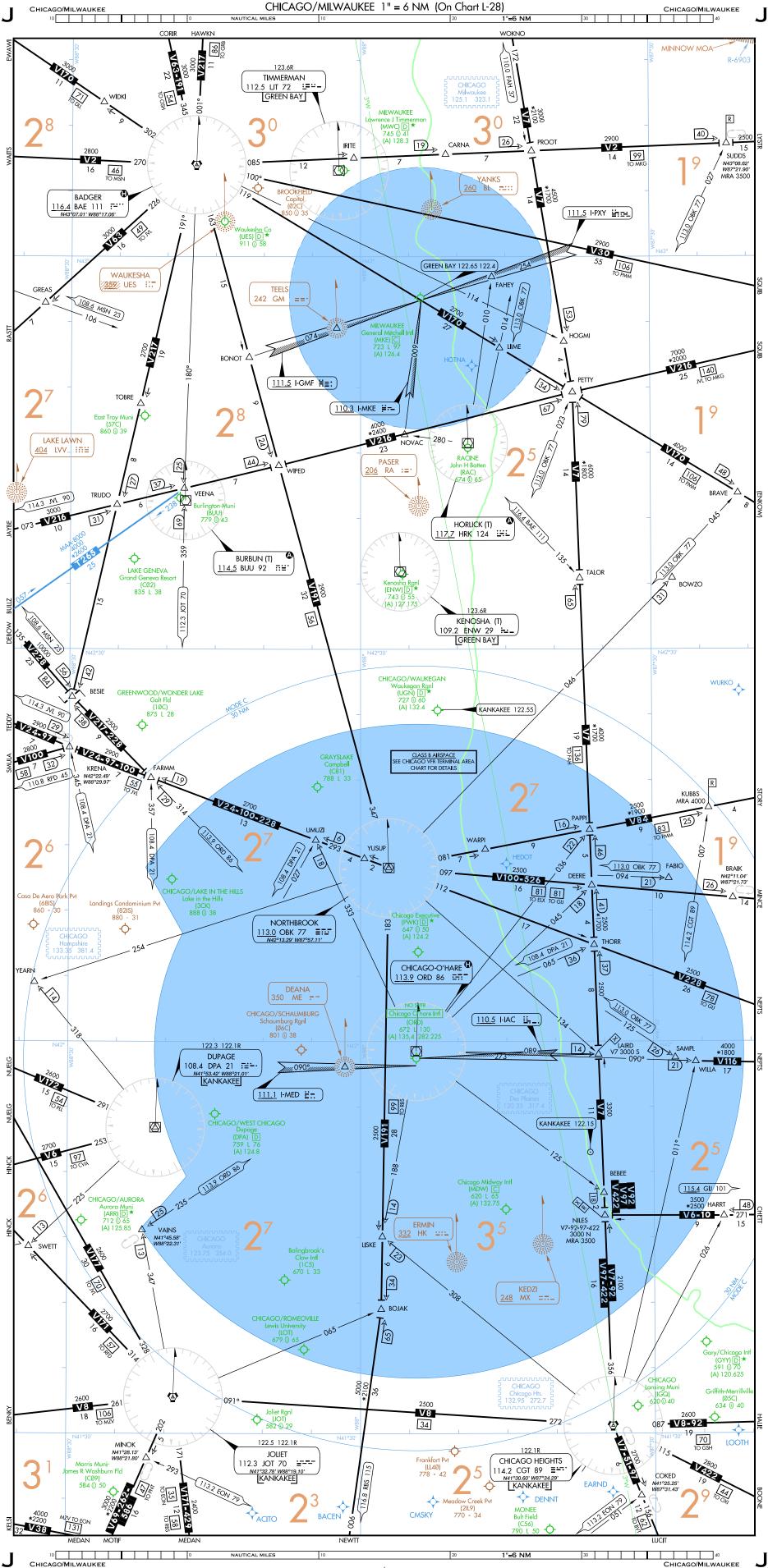


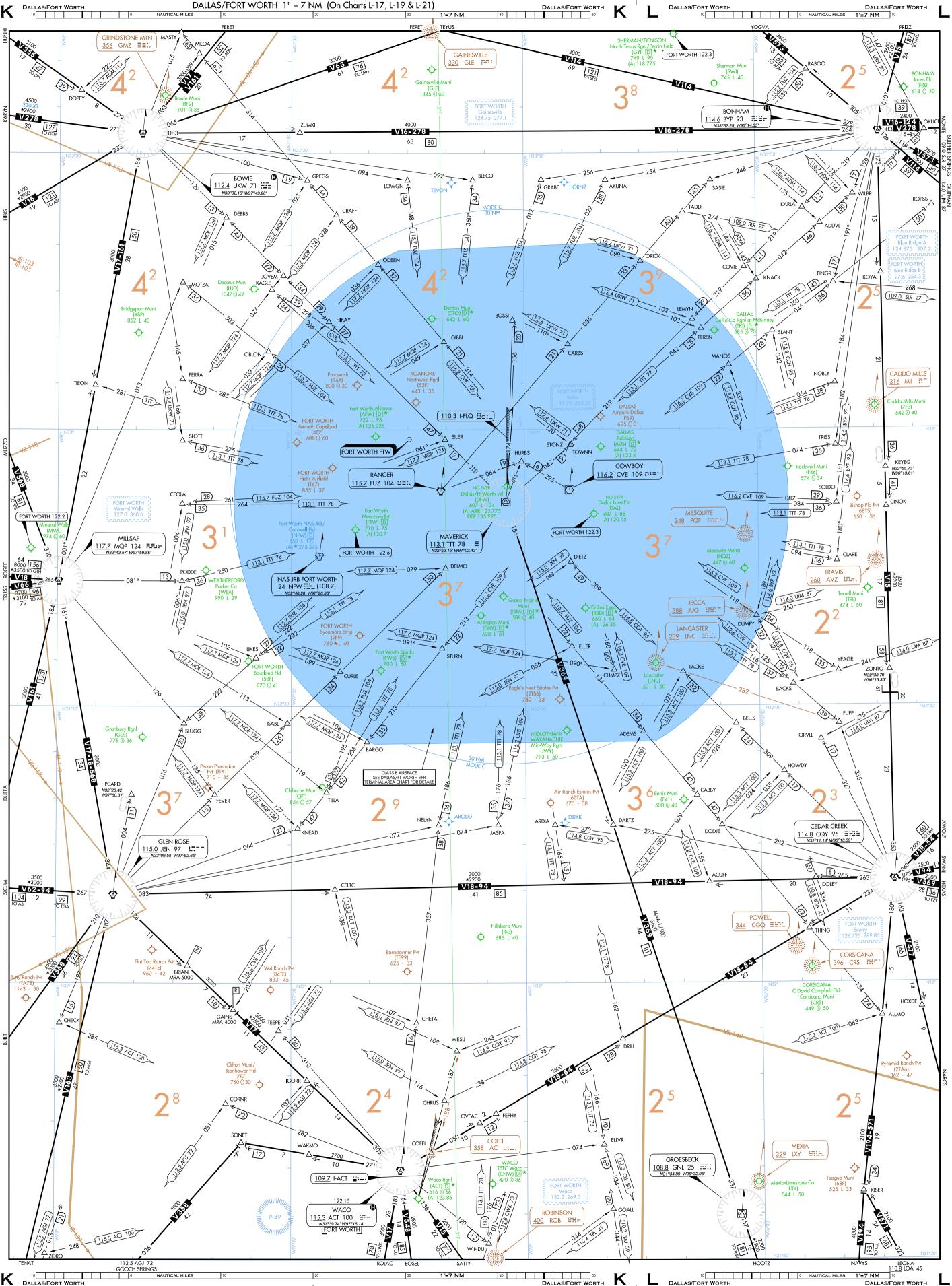
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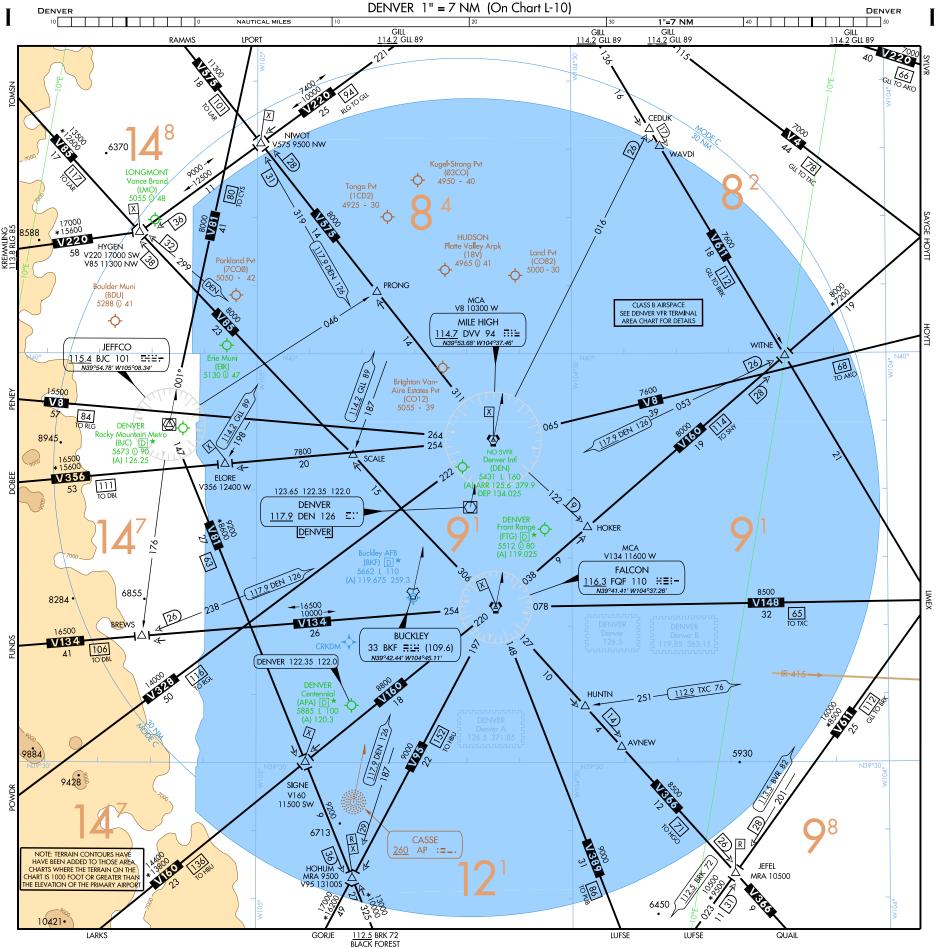


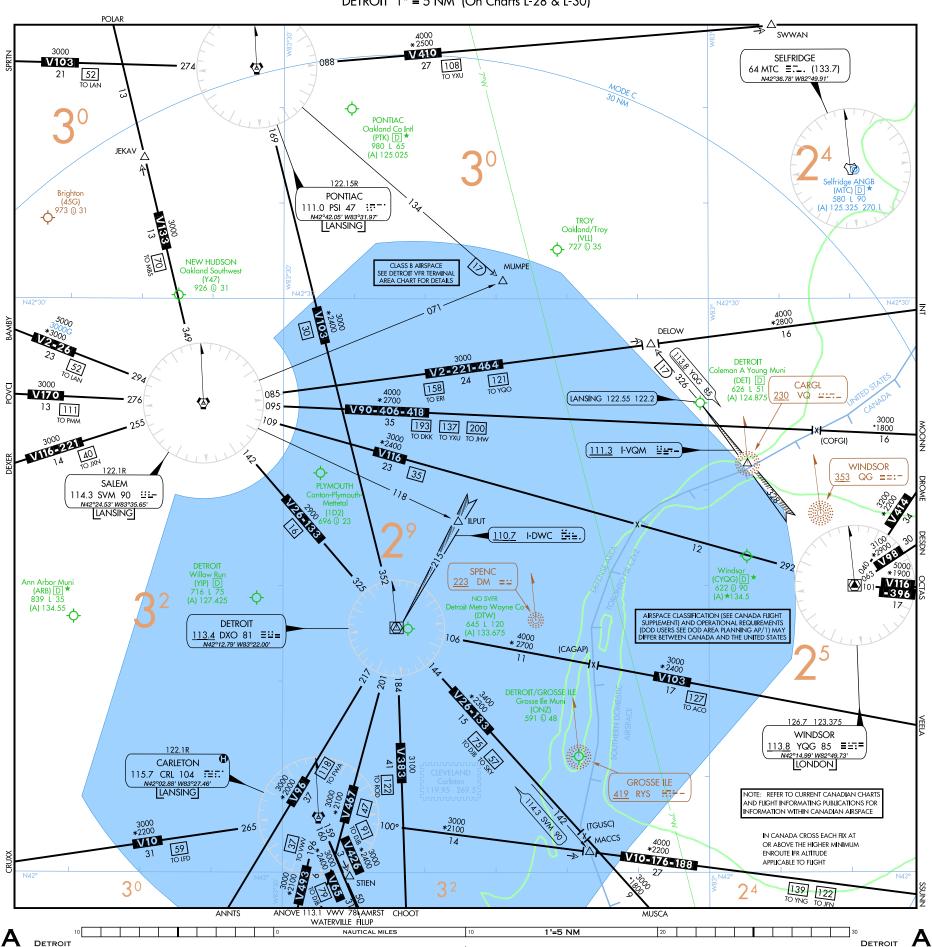
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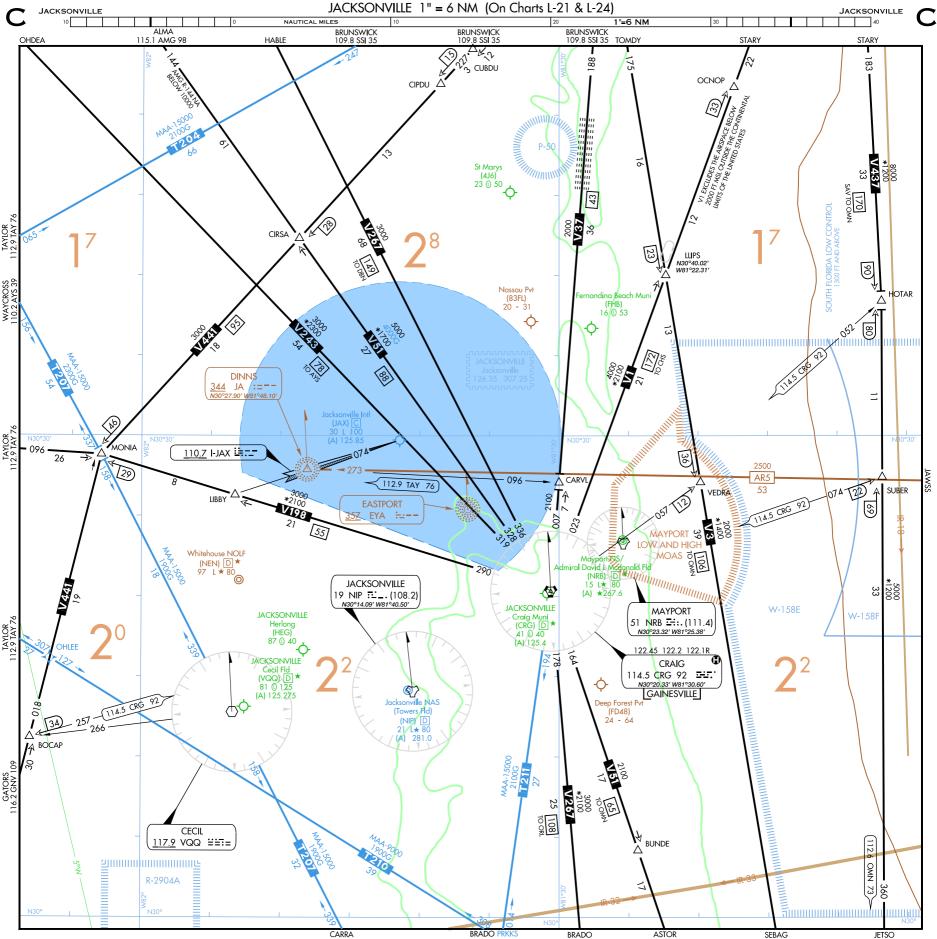


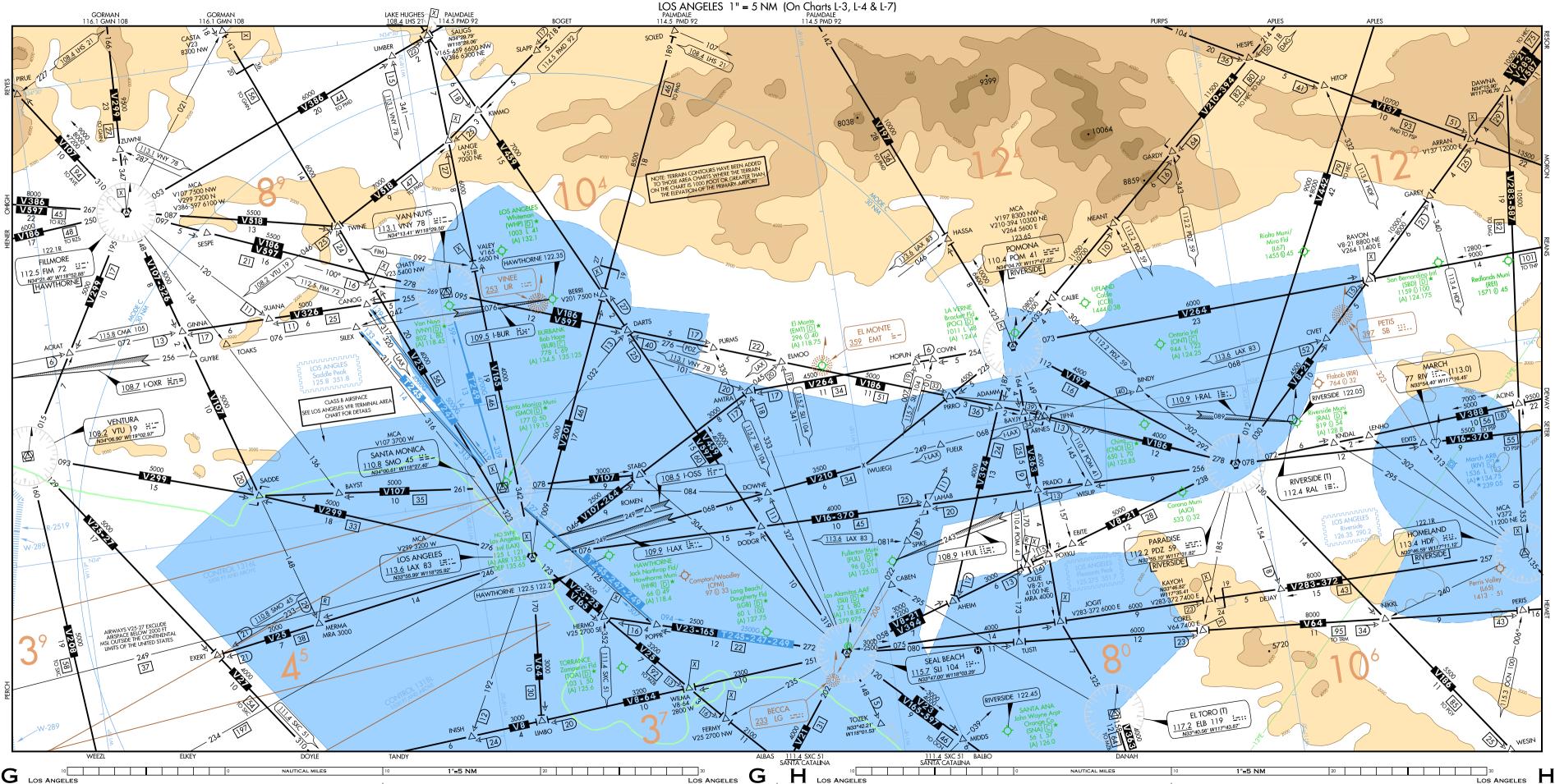


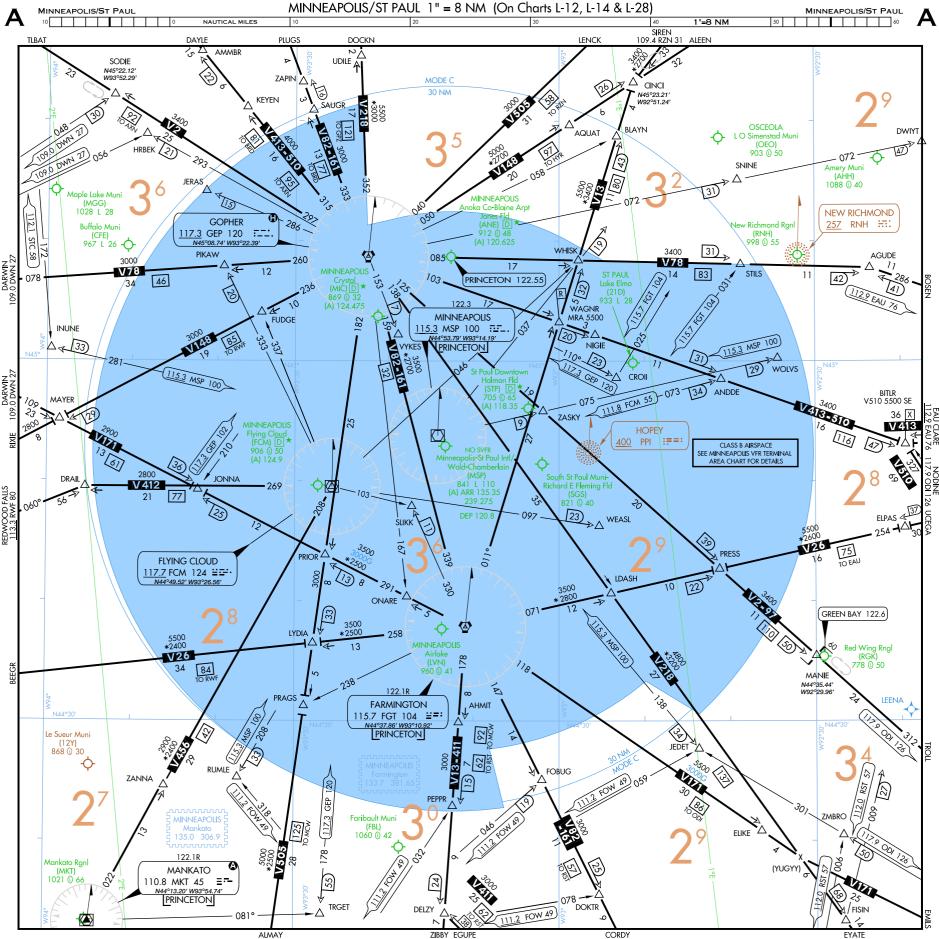


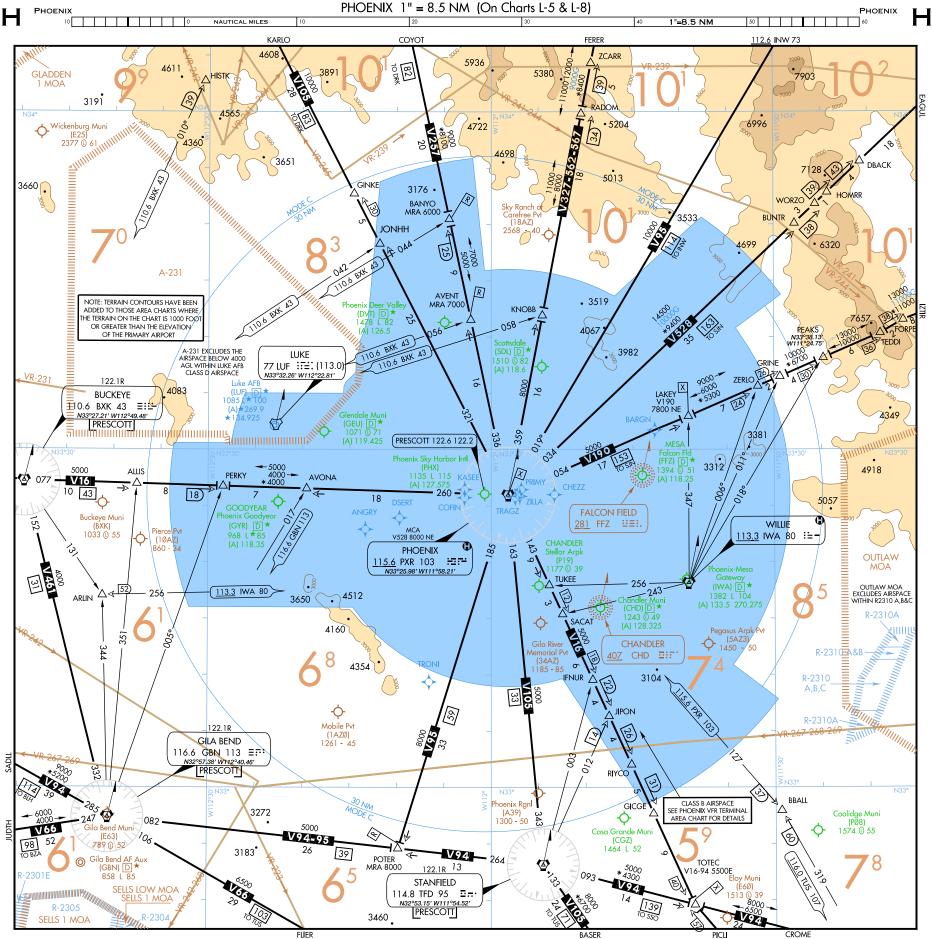


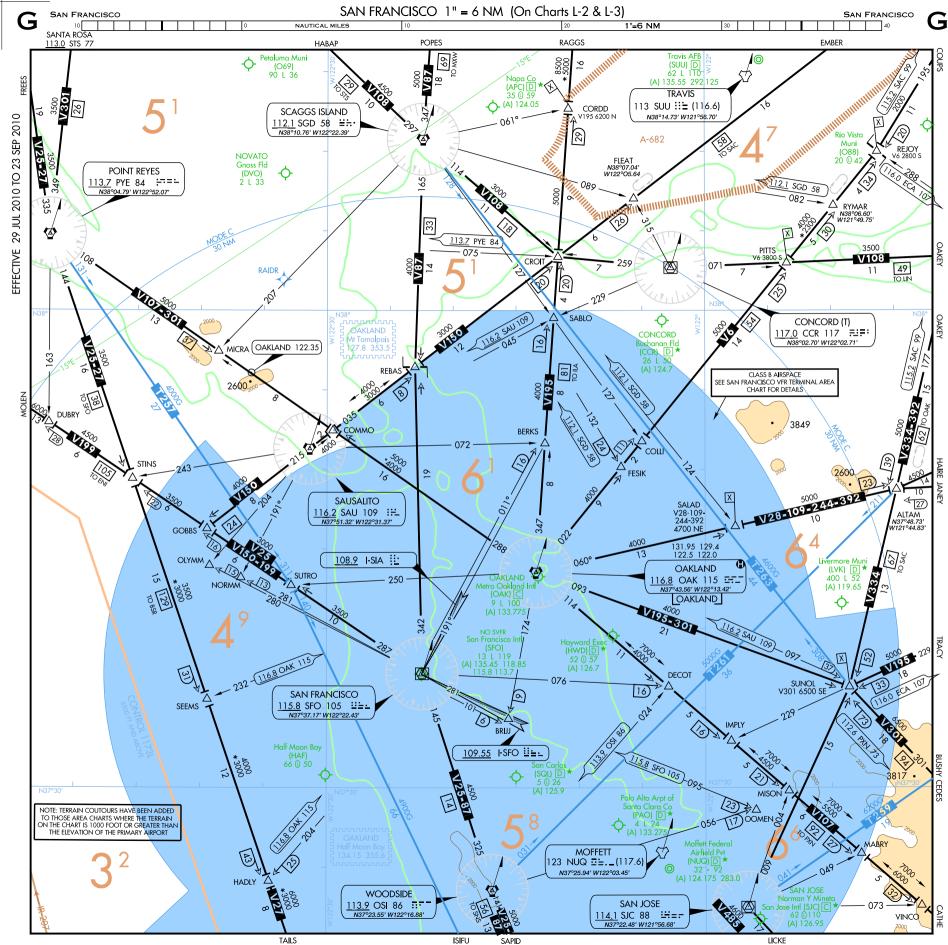


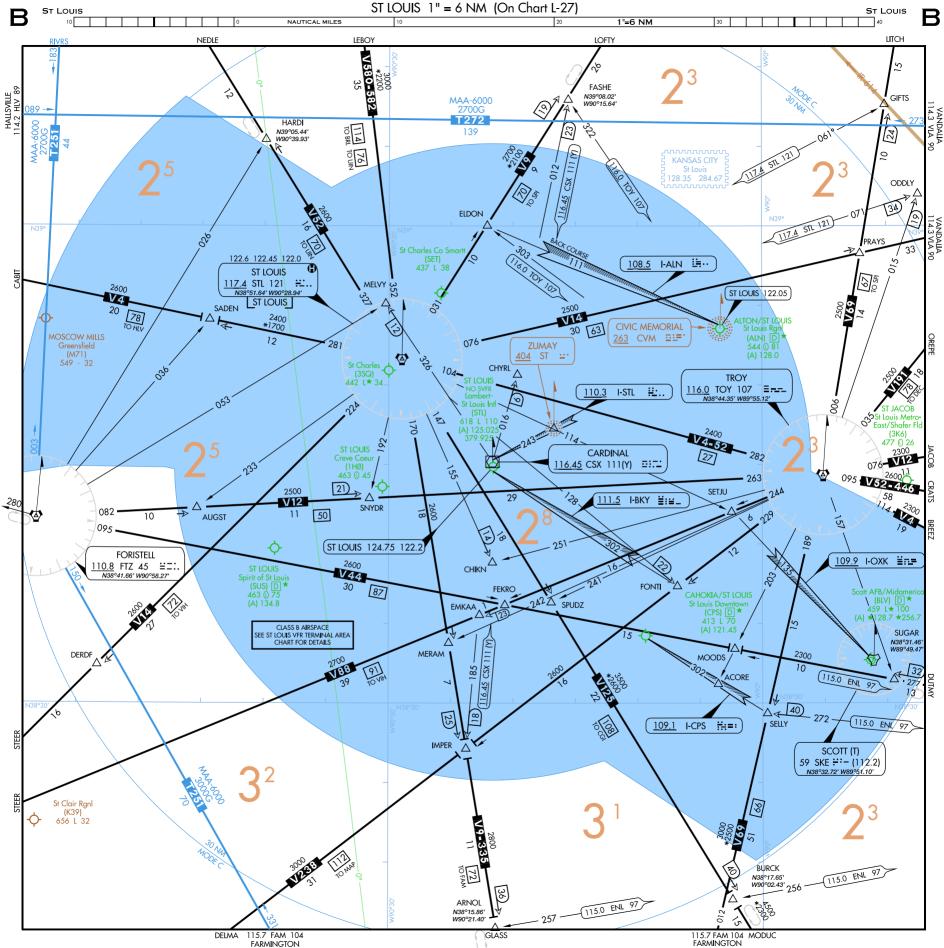


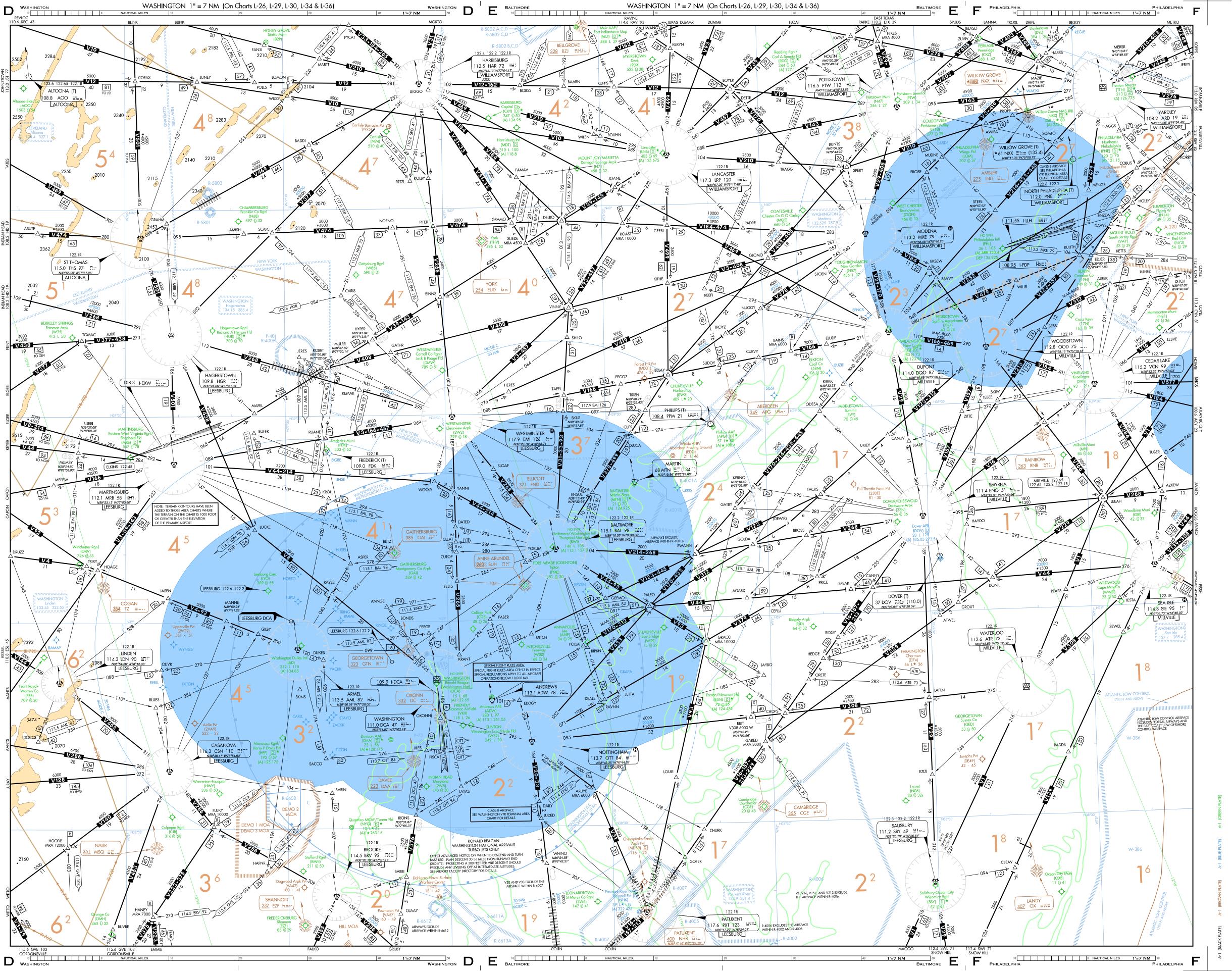












ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Chicago ZAU, Cleveland ZOB, Denver ZDV, Fort Worth ZFW Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Miami ZMA, Minneapolis ZMP, Oakland ZOA, Washington ZDC A - Alert, P - Prohibited, R - Restricted, W - Warning Areas - Continuous: 24 hrs a day, 7 days a week - During periods of Daylight Saving Time (DT) All altitudes are MSL unless otherwise indicated Cont - Flight Level - riight Level
 - Hours shown are UTC unless otherwise indicated
 - Sunrise to Sunset except Canada where it means effective hours will be one hour earlier than shown.

NOTAM - Use of this term in Restricted Areas indicates FAA and Time Days Sunrise to Sunser except Canada where It means 1/2 hr before sunrise to 1/2 hr after sunset Sunset to Sunrise except Canada where it means 1/2 hr after sunset to 1/2 hr before sunrise DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system. Nights -SPECIAL USE AIRSPACE EFFECTIVE TIMES LISED LITE CONTROLLING AGENCY ATHER PANEL NUMBER ALTITUDE A/G CALL

Intermitten

Cont

Cont

Days Days

Cont *1 Mon-Sat *1

Mon-Fri

Cont

Cont

Cont By NOTAM

Intermittent By NOTAM

Cont *1

Cont *1

Cont Mon-Fri 2/15-5/10 9/1-12/15

Sat Sun 5/11-8/31

2/15-5/10 9/1-12/15

Sat Sun 5/11-8/31

Sat Sun 5/11-8/31

Sat Sun-Fri *1 2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31

Sat Sun-Fri *1

Mon-Fri *

Mon-Fri *1

Mon-Fri *1

DAYS

Intermittent By NOTAM

Mon-Fri Mon-Fri Intermitten Weekends Mon-Fri *1 Mon-Fri *1

Intermittent

Apr-Aug Cont *1 Sep-Mar Sat-Sun *1

R-6903

P-49

W-158I W-158I

R-2519

A-291B

A-2910

R-2301E R-2304

A-682

P-40

R-4001A

R-4001B

R-4002

R-4007

R-4009

R-5802B

R-58020

R-5802D

R-5803 R-6608A-C

R-6611A

R-6613A

A-220 W-386

NUMBER

MAYPORT HIGH MAYPORT LOW

GLADDEN 1

OUTLAW

SELLS 1 SELLS LOW

DEMO 1

HILL

*1 Other Times By NOTAM *2 To But Not Including FL 180

MINNOW

R-6612

To FL 450

To 2000

1200 To 1700

To 390

To FL 800

To FL 240 To FL 240
To 10000
10000 To 17000
17000 To 35000

500 AGL To 6500

To But Not Including 5000 To 18000

To But Not Including 1500 Including 1500 Unlimited To 10000 Higher By NOTAM To 10000 Higher By NOTAM

To 20000

To 13000

500 AGL To But Not Including 17000

17000 To But No Including FL 220

To 40000

To 7000

Unltd

10000 *2

3000 *2 1500 To But Not Including 3000

7000 or 5000 AGL Whichever is Higher *2 8000 or 3000 AGL Whichever is Higher *2

10000 *2 3000 AGL To But No Including 10000

500 TO 5000

10000 TO 15000 Above 5000 To 15000

FFFFCTIVE

ALTITUDE

*1 Other Times By NOTAM *2 To But Not Including FL 180

To 20000
To But Not Including FL 250
3500 To But Not Including FL 250
To But Not Including 5000
5000 To 12500
To 4000
200 AGL To 5000

To But Not Including 3000 To But Not Including 1800

DAYS	HOURS	WE,				
	CHICAGO					
ntermittent	By NOTAM	VF				

DALLAS/FORT WORTH

Cont

JACKSONVILLE

Cont

1300-22007# 1300-2200Z‡ By NOTAM

By NOTAM

1100-05007

1330-0700Z By NOTAM By NOTAM By NOTAM

1600-05007#

1200-0500Z‡ 0500-1200Z‡ By NOTAM

Intermittent By NOTAM

Sunrise to 050 1200-0400Z

1200-0400Z‡

1200-04007

Cont 1300-2100Z‡

1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡

1300-0400Z‡

1300-0400Z‡ 1300-1700Z‡

1300-0400Z‡ 1300-1700Z‡

1300-0500Z‡ 1300-0100Z‡

1300-2100Z‡ 1000-0500Z‡

1300-2200Z‡ 1300-2200Z‡ 1300-0300Z‡ By NOTAM

MILITARY OPERATIONS AREAS TIMES USED, UTO HOURS

CHICAGO

JACKSONVILLE

PHOFNIX

WASHINGTON

Days

By NOTAM

By NOTAM By NOTAM

1300-0200

Normally Days

2300-0300Z# 1300-0300Z#

SAN FRANCISCO

WASHINGTON

Cont

PHOENIX 1330-0700Z 1330-0700Z

LOS ANGELES

Cont By NOTAM MIAMI 1100-0500Z= VFR-IFR

VFR-IFR

VFD_IFD

VFR-IFR

VFR

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR

VED_IED

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR

VFR

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR VFR VFR-IFR

WEATHER

VFR-IFR

VFR-IFR

VFR-IFR

VFR-IFR

ZMP CNTR/FSS

No A/G

JACKSONVILLE TRACC

JACKSONVILLE TRACE

No A/0

No A/G

ZAB CNTR/FSS ZAB CNTR/FSS

ZAB CNTR/FSS ZAB CNTR/FSS ZAB CNTR/FSS ZAB CNTR/FSS

No A/G

No A/G

No A/G

No A/G No A/G

ZDC CNTR/FSS

ZDC CNTR/FSS

ZDC CNTR/FSS ZDC CNTR/FSS

ZDC CNTR/FSS

7DC CNTR/FSS

ZDC CNTR/FSS No A/G ZNY CNTR/FSS

7NY CNTR/FSS

ZNY CNTR/FSS

7NY CNTR/ESS

No A/G FAA, POTOMAC TRACON

ZDC CNTR/FSS

ZDC CNTR/FSS No A/G ZDC CNTR/FSS

CONTROLLING AGENCY

A/G CALL

7AU CNTR/FSS

ZJX CNTR/FSS ZJX APP CON

ZAB CNTR/FSS

ZAB CNTR/FSS

ZAB CNTR/FSS ZAB CNTR/FSS

FAA, POTOMAC TRACON FAA, POTOMAC TRACON FAA, POTOMAC TRACON

FAA POTOMAC APP

F

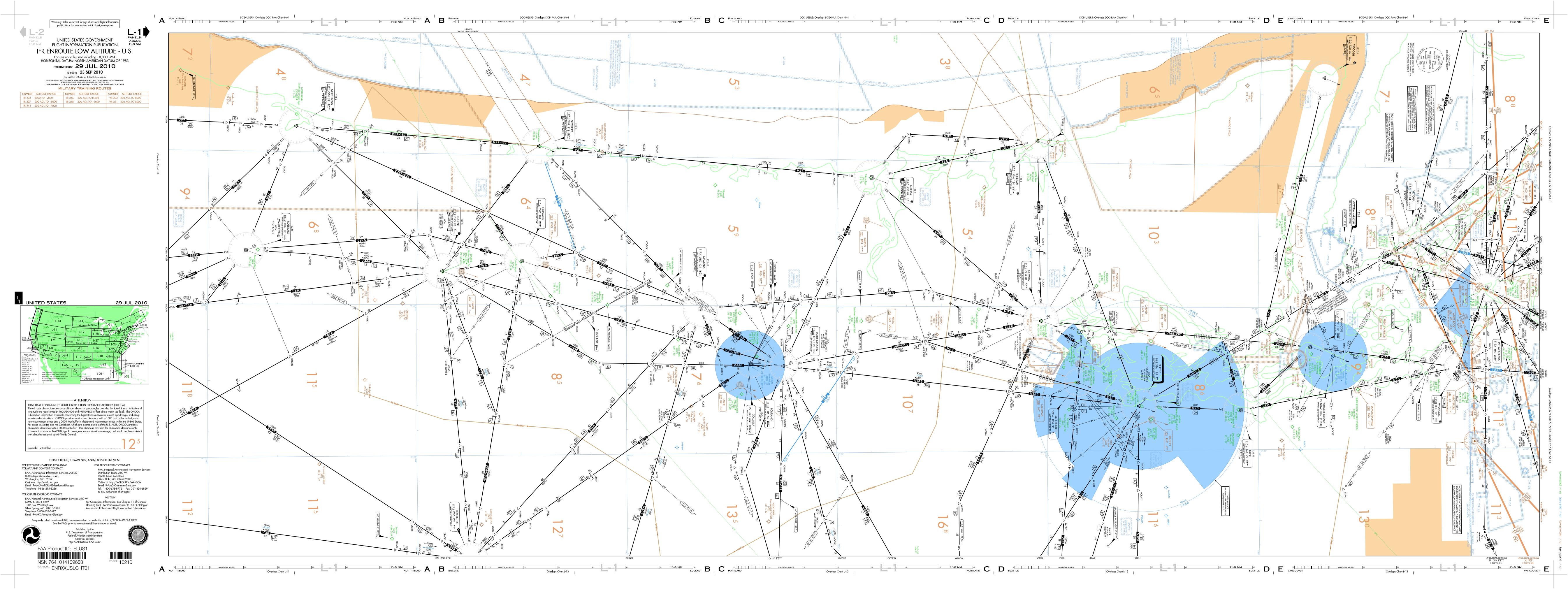
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D,E

PANEL

C

Н



PANELS
BCDE UNITED STATES GOVERNMENT FGHIJ
FS NM FLIGHT INFORMATION PUBLICATION

1"=8 NM IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 L E G E N D

AIRPORTS

Facilities in BLUE or GREEN have an approved Instrument Approach Procedure and/or RADAR MINIMA published in either the FAA Terminal Procedures Publications or the DoD FLIPs. Those in BLUE have an Instrument Approach Procedure and/or RADAR MINIMA published at least in the High Altitude DoD FLIPs. Facilities in BROWN do not have a published Instrument Approach Procedure or RADAR MINIMA. ⊕ ⊕ ⊕ Heliport NAME (T) 000.0 IDT 000(Y) ≅··· VOR with TACAN compatible DME (T) Frequency protection usable range at 12,000' AGL - 25NM

Thin line NAVAID boxes without freq(s) and FSS radio name indicates no freq(s) available. NAME 000 IDT ≒·· (000.0) Noo°00.00' wooo°00.00' Automated Weather Broadcast Systems:

ASOS/AWOS THWAS TWEB

O00.0 000.0

NAME IDT

FSS name and identifier not associated with NAVAID NAME ASOS 000.0 Stand Alone ASOS/AWOS ILS Localizer Course with additional navigation function 108.2 RBG 19—150—113 AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION
ROUTE DATA BOI LF/MF Airway *0000 *0000 Minimum Obstruction *0000 Clearance Altitude (MOCA Uncontrolled LF/MF Airway 0000 0000 Minimum Enroute Altitude (MEA) 0000 GNSS RNAV MEA AO AO ATS Route Example: 12,500 feet US/Russia Maritime Boundary FIXES/ATC REPORTING REQUIREMENTS Direction of Flight Indicator (Canada only)

O00.0 IDT 000
Facility Locators used in formation of Reporting Points

REPORTING REQUIREMENTS

Area of Enlargement (contains only data for through flights)
See Area Charts for complete data

Non-Compulsory Position Report

Non-Compulsory Position Report

Official Time Zone Radial outbound from a VHF/UHF NAVAID

Denotes DME Fix
(Distance same as route mileage)

AIRSPACE INFORMATION Bearing inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage or area (white) indicates controlled airspace (Class E) unless otherwise indicated 00 00 00 Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown 334—118.411 95 338—114.8 LIN 95 MTRs 5 NM or less both sides of centerline MTRs greater than 5 NM either or both sides of centerline VR-000 → Arrow indicates direction of route

20 30 1"=8 NM 60 F G MENDOCINO F G MENDOCINO F G MENDOCINO F G MENDOCINO F GOVER Chart L-11 Overlaps Chart

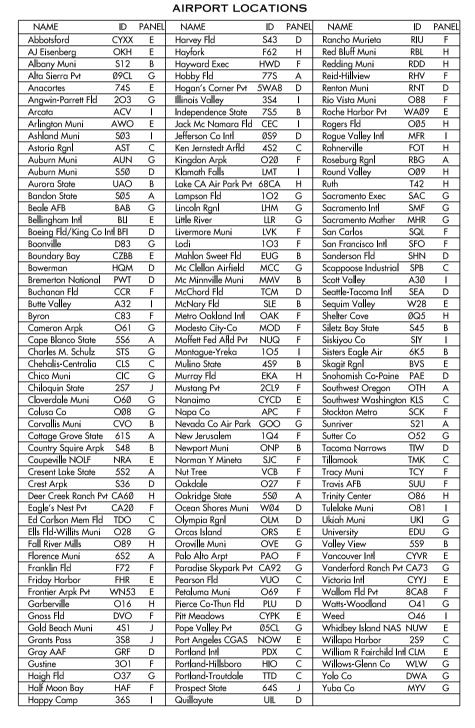
ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV
Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME
Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
All altitudes are MSL unless otherwise indicated
Cont - Continuous: 24 hrs a day, 7 days a week

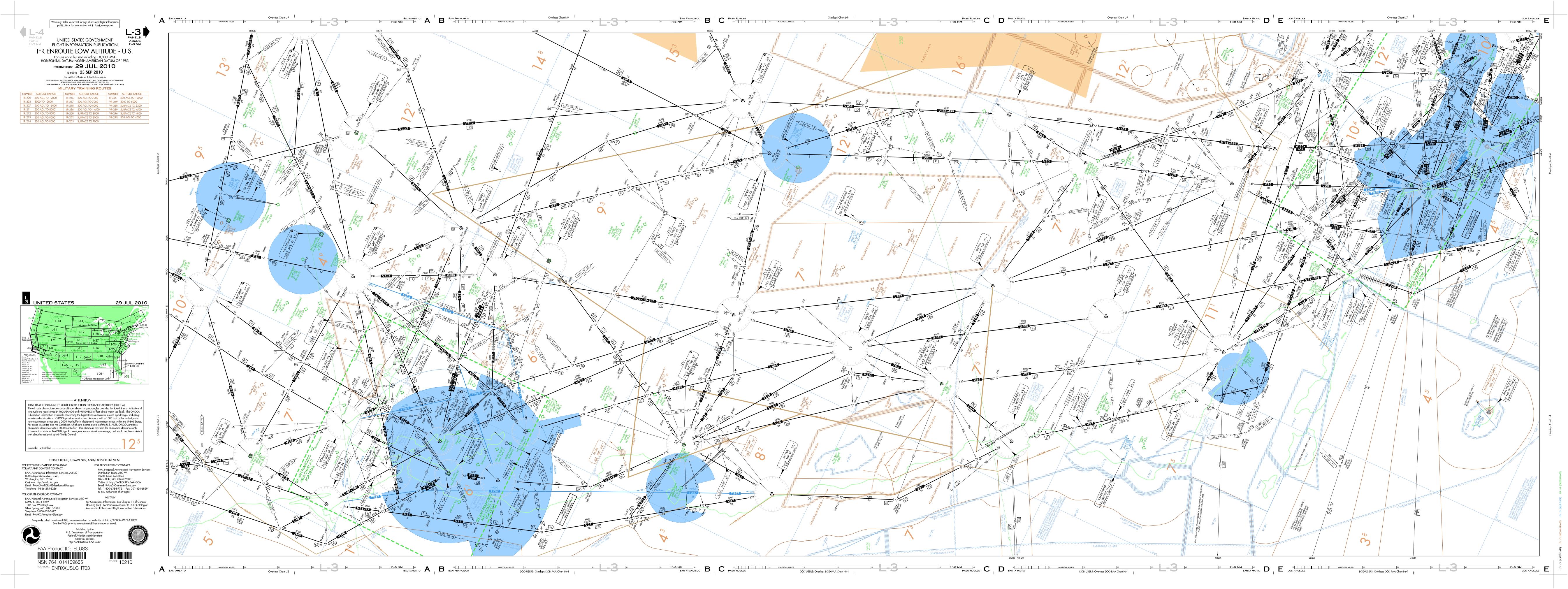
All altitudes are MSL unless otherwise indicated
FL - Flight Level
Time - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means
1/2 hr before sunrise to 1/2 hr before sunrise
1/2 hr after sunset to 1/2 hr before sunrise

Cont - Continuous: 24 hrs a day, 7 days a week
+ - During periods of Daylight Saving Time (DT)
effective hours will be one hour earlier than shown.
NOTAM - Use of this term in Restricted Areas indicates FAA And
DoD NOTAM systems. Use of this term in all other
Special Use areas indicates the DoD NOTAM system.

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
P-51	To But Not Including 2500	Cont	Cont	VFR-IFR	No A/G	D
R-2531	To But Not Including 4000	Mon-Fri Ocn ll y Sat-Sun	1800-0450Z‡ By NOTAM	VFR-IFR	NORTHERN CALIFORNIA TRACON	F
R-6701	To 5000	By NOTAM	By NOTAM	VFR-IFR	NAS WHIDBEY IS APP CON	Е
R-6703A	To 14000	Mon-Fri *1	1500-0700Z‡	VFR-IFR	SEATTLE-TACOMA APP CON	D
R-6703B,D	To 5000	Mon-Fri *1	1500-0700Z‡	VFR-IFR	SEATTLE-TACOMA APP CON	D
R-6703C	To 14000	By NOTAM	By NOTAM	VFR-IFR	SEATTLE-TACOMA APP CON	D
A-680	То 3000	Mon-Fri *1 Mon-Fri *1	1800-0930Z‡ Apr-Oct 1800-0759Z‡ Nov-Mar	VFR-IFR	No A/G	E
A-682	To 6000 N Of Line To 3000 S Of Line	Mon-Fri	1600-0500Z‡	VFR	No A/G	F,G
W-93 NORTH	To FL 500	Cont *1	1600-2400Z‡	VFR-IFR	ZSE CNTR/FSS	A,B,I
W-93 SOUTH	To FL 500	Cont *1	1600-2400Z‡	VFR-IFR	ZSE CNTR/FSS	1
W-237A.B LOW	To But Not Inclg FL 230	By NOTAM	By NOTAM	VFR-IFR	ZSE CNTR/FSS	D,E
W-260	To FL 600	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZOA CNTR/FSS	F,G
W-285B	To FL 190	Mon-Fri *1	1430-0500Z‡	VFR-IFR	NORTHERN CALIFORNIA TRACON	F
W-513	To FL 600	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZOA CNTR/FSS	F
W-570	To FL 500	By NOTAM	By NOTAM	VFR-IFR	ZSE CNTR/FSS	B,C
CYA 102	To 10000	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	E
CYA 105	To 8000	Cont	Days	VFR	No A/G	Е
CYA 110	To 2500	Ocn ll y By VICTORIA ATIS	Ocn ll y By VICTORIA ATIS	VFR	VICTORIA TOWER	Е
CYA 113	To 5000	Cont	Days	VFR	No A/G	Е
CYA 118	To 3000	Cont	Days	VFR	No A/G	Е
CYA 135	To 6000	Cont	Days	VFR	No A/G	E
CYA 145	To 2500 To 4000 By NOTAM	By NOTAM	By NOTAM	VFR	No A/G	Е
CYA 176	To 4000	Cont	Days	VFR	No A/G	Е
CYA 177	To 4000	Cont	Days	VFR	No A/G	Е
CYA 178	To 6000	Cont	Days	VFR	No A/G	Е
CYA 179	To 6000	Cont	Days	VFR	No A/G	Е
CYA 180	To 5500	Cont	Days	VFR	No A/G	Е
CYA 181	To 5500	Cont	Days	VFR	No A/G	Е
CYA 182	To 5000	Cont	Days	VFR	No A/G	Е
CYA 183	To 5000	Cont	Days	VFR	No A/G	Е
CYA 184	To 5500	Cont	Days	VFR	No A/G	Е
CYR 103	To 3000	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	Е
CYR 104	To 2000	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	Е
CYR 107	To 1000 Above 1000 To 13500	Cont By NOTAM	Cont By NOTAM	VFR-IFR	VANCOUVER ACC	Е
CYR 108	To 3000	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	Е
CYR 109	Un l td	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	Е
CYR 114	To 500	Cont	Cont	VFR-IFR	No A/G	E
CYR 138	To 1100	Cont	Cont	VFR-IFR	No A/G	E
CYR 139	To 1000	Cont	Cont	VFR-IFR	No A/G	E
CYR 140	To 1500	Cont	Cont	VFR-IFR	No A/G	E
CYR 141	To 300	Cont	Cont	VFR-IFR	No A/G	E
CYR 156	To 3000	By NOTAM	By NOTAM	VFR-IFR	VANCOUVER ACC	E
CYR 165	To 4000	Cont	Cont	VFR-IFR	No A/G	E

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	Т
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	P
HINA	3000 AGL *2	Cont	1600Z‡-Sunset	VFR-IFR	ZOA CNTR/FSS	Ξ
HINOOK A,B	300 To 5000	Intermittent	By NOTAM	VFR-IFR	NAS WHIDBEY IS APP CON	Ξ
OLPH I N NORTH	11000 *2	Cont *1	1600-2400Z‡	VFR-IFR	ZSE CNTR/FSS	7
OLPH I N SOUTH	11000 *2	Cont *1	1600-2400Z‡	VFR-IFR	ZSE CNTR/FSS	Τ
OOSE NORTH	3000 AGL *2	Mon-Fri *1	1500-0300Z‡	VFR-IFR	ZSE CNTR/FSS	Τ
AXWELL 1,2,3	11000 Or 3000 AGL Whichever Is Higher *2	Mon-Fri *1	1300-0400Z‡	VFR-IFR	ZOA CNTR/FSS	Π
LYMPIC A,B	6000 *2	By NOTAM	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Ξ
AINIER 1,2,3	2000 To 9000	Intermittent	By NOTAM	VFR-IFR	SEATTLE-TACOMA APP CON	Ξ
VHITMORE 1,2,3	11000 Or 3000 AGL Whichever Is Higher *2	Mon-Fri *1	1530-0030Z‡	VFR-IFR	ZOA CNTR/FSS	
1 Other Times By 2 To But Not Inclu						





SANTA BARBARA

Overlaps Chart L-3 & L-7

SANTA BARBARA

Overlaps Chart L-3 & L ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC UNITED STATES GOVERNMENT

FLIGHT INFORMATION PUBLICATION

PANELS

FGHIJ

1"=7 NM P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS All altitudes are MSL unless otherwise indicated IFR ENROUTE LOW ALTITUDE - U.S. FL - Flight Level

- Hours shown are UTC unless otherwise indicated
Days

- Sunrise to Sunset except Canada where it means
1/2 hr before sunrise to 1/2 hr after sunset

- During periods of Daylight Saving Time (DT)
effective hours will be one hour earlier than
NOTAM - Use of this term in a
DoD NOTAM systems. Use of this term in a For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 SEE LOS ANGELES AREA CHART A-2 FOR DETAIL Automated Weather Broadcast Systems:

OOO.0 OOO.0

FSS name and identifier not associater with NAVAID ILS Localizer Course with additional navigation function WESIN WESIN AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION
 Big bear City
 1.35
 H
 Imperial Beach NOIF NRS
 H
 Redealond Muni
 REI
 H

 Blube Carnyon-Nyack
 BUJ
 A
 Iron Mountain PP, PM 72CL
 J
 Reid-Hillièwe
 RHV
 B

 Blythe
 BBH
 J
 Jock Northrop Fld
 HHR
 E G
 Rido Muni / Mino Fld
 K7
 H
 B
 Bido Morphism
 RHV
 B
 B
 Joban Morphism
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 < Minimum Crossing Altitude 7 5 (ORC Example: 12,500 feet FIXES/ATC REPORTING REQUIREMENTS Radial outbound from a VHF/UHF NAVAID

Denotes DME Fix
(Distance same as route mileage)

AIRSPACE INFORMATION SAN NICOLAS ISLAND 203 NSI ::: Bearing inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage open area (white) indicates controlled airspace (Class E) unless otherwise indicate ALL AIRCRAFT CONTACT PLEAD ON 280.7 132.425 5080 OR IOS ANGELES CENTER/FSS INTENSIVE SURFACE AND AIR OPERATIONS HAZARDOUS TO NON-PARTICIPATING UNITS Mileage between other
OO OO OO Fixes, NAVAIDS and/or
Mileage Breakdown MTRs 5 NM or less both sides of centerline ∨R-000 → MTRs greater than 5 NM either or both sides of centerline VR-000 → Arrow indicates direction of route F 30 10 1 12 10 10 NAUTICAL MILES 10 10 NAUTICAL MILES 10 10 NAUTICAL MILES 10 10 NAUTICAL MILES 10 NA

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace UNITED STATES GOVERNMENT

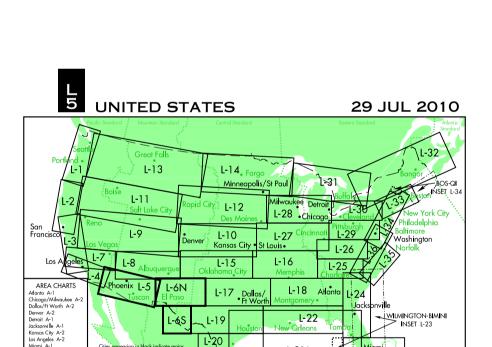
FLIGHT INFORMATION PUBLICATION 1"=10 NM IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 EFFECTIVE 0901Z 29 JUL 2010 TO 0901Z 23 SEP 2010 Consult NOTAMs for latest Information

PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE

SPECIFICATIONS AND AGREEMENTS APPROVED BY:

DEPARTMENT OF DEFENSE 4 FEDERAL AVIATION ADMINISTRATION

DEPARTMENT OF DEFENSE ★ FEDERAL AVIATION ADMINISTRATION											
MILITARY TRAINING ROUTES											
NUMBER	ALTITUDE RANGE	NUMBER	ALTITUDE RANGE	NUMBER	ALTITUDE RANGE						
IR-102	500 AGL TO 10000	IR-192	100 AGL TO 12500	VR-223	500 AGL TO 9000						
IR-107	100 AGL TO 10000	IR-194	100 AGL TO 12500	VR-231	100 AGL TO 7000						
IR-109	100 AGL TO 16000	IR-195	100 AGL TO 12500	VR-239	300 AGL TO 9500						
IR-113	100 AGL TO 11500	IR-213	200 AGL TO 8000	VR-241	300 AGL TO 9500						
IR-115	500 AGL TO 12000	IR-214	200 AGL TO 8000	VR-242	300 AGL TO 9000						
IR-116	500 AGL TO 12000	IR-217	200 AGL TO 7000	VR-243	300 AGL TO 9500						
IR-122	500 AGL TO 12000	IR-218	500 AGL TO 6000	VR-244	300 AGL TO 9500						
IR-128	SURFACE TO 13000	IR-250	SURFACE TO 8000	VR-245	300 AGL TO 9000						
IR-130	500 AGL TO 12000	IR-252	SURFACE TO 8000	VR-259	300 AGL TO 6500						
IR-131	500 AGL TO 12000	IR-254	SURFACE TO 9000	VR-260	300 AGL TO 7000 AGL						
IR-132	500 AGL TO 12000	IR-255	SURFACE TO 7000	VR-263	100 AGL TO 10500						
IR-133	100 AGL TO 12000	IR-320	100 AGL TO FL230	VR-267	300 AGL TO 6000						
IR-134	100 AGL TO 12500	VR-100	SURFACE TO 12500	VR-268	300 AGL TO 6000						
IR-141	500 AGL TO 10000	VR-108	100 AGL TO 15000	VR-269	300 AGL TO 6000						
IR-142	100 AGL TO 12000	VR-114	100 AGL TO 11000	VR-289	SURFACE TO 4500						
IR-154	SURFACE TO 9000	VR-125	SURFACE TO 12500	VR-296	SURFACE TO 4000						
IR-155	SURFACE TO 9000	VR-176	100 AGL TO 5000 AGL	VR-299	300 AGL TO 4000						
IR-178	200 AGL TO 15000	VR-196	100 AGL TO 9800								
IR-180	200 AGL TO 17000	VR-197	500 AGL TO 9800								



THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA). The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designate non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADIZ, OROCA provides obstruction clearance with a 3000 foot buffer. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

Example: 12,500 feet

FORMAT AND CONTENT CONTACT: FAA, Aeronautical Information Services, AJR-321 800 Independence Ave., S.W., Washington, D.C. 20591 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov Online at http://AERONAV.FAA.GOV Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829 Telephone 1-866-295-8236 or any authorized chart agent FOR CHARTING ERRORS CONTACT:

For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of 1305 East-West Highway Silver Spring, MD 20910-3281 Telephone 1-800-626-3677 Email 9-AMC-Aerochart@faa.gov Aeronautical Charts and Flight Information Publications. Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV.

See the FAQs prior to contact via toll free number or email.

FAA Product ID: ELUS5

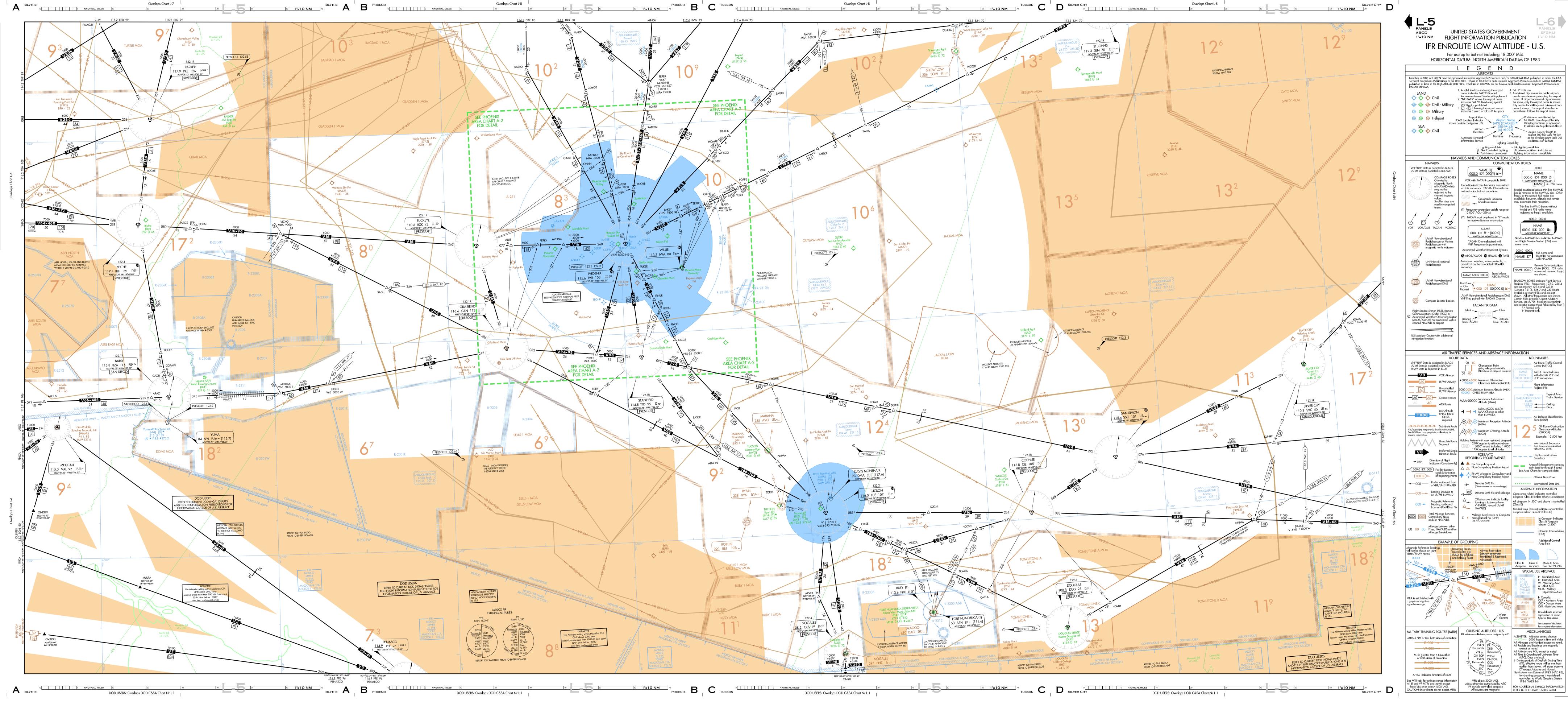
NSN 7641014109657 NGA REF. NO. ENRXXUSLCHT05 ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV
Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZIX, Kansas City ZKC, Los Angeles ZIA, Memphis ZME
Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZIC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
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CANADA: CYA - CANADA: CYA - ADVISORY, CYD - CANADA: CYA - AREA - CANADA: CYA - CANADA: CY

All altitudes are MSL unless otherwise indicated
FL - Flight Level
Time - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means
1/2 hr before sunrise to 1/2 hr after sunset
Nights - Sunset to Sunrise except Canada where it means
Sunset to Sunrise except Canada where it means

1/2 hr (after sunset to 1/2 hr befo	re sunrise					
		SPECIA	L USE AIRSP	ACE			
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	Т	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANI	
R-2301E	To FL 800	Cont *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	A,B	
R-2301W	To FL 800	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	A,B	
R-2303A	To 15000	Mon-Fri *1	1400-0000Z	VFR-IFR	ZAB CNTR/FSS	С	
R-2303B	8000 To FL 300	Mon-Fri *1	1400-0000Z	VFR-IFR	ZAB CNTR/FSS	С	
R-2303C	15000 To FL 300	Intermittent	By NOTAM	VFR-IFR	ZAB CNTR/FSS	С	
R-2304	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	В	
R-2305	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	В	
R-2306A,B,E	To 80000	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2306C	To 40000	Cont *1	1330-0500Z	VFR-IFR	ZLA CNTR/FSS	Α	
R-2306D	To FL 230	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2307	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2308A	1500 AGL To 80000	Cont	Cont	VFR- I FR	ZLA CNTR/FSS	Α	
R-2308B	To 80000	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	А	
R-2308C	1500 AGL To FL 230	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2309	To 15000	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2310A	To 10000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	С	
R-2310B	10000 To 17000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	С	
R-2310C	17000 To 35000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	С	
R-2311	To 3500	Mon-Sat *1	Days	VFR-IFR	YUMA APP CON	Α	
R-2312	To But Not Including 15000	Cont	Cont	VFR-IFR	LIBBY AAF TOWER	С	
R-2507E	To FL 400	Cont *1	1500-0700Z‡	VFR-IFR	ZLA CNTR/FSS	Α	
R-2507N,S	To FL 400	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α	
R-2512	To 23000	Cont *1	1400-0700Z‡	VFR-IFR	ZLA CNTR/FSS	Α	
R-5103A	*2	Mon-Fri *1	1400-0300Z‡	VFR-IFR	ZAB CNTR/FSS	F	
R-5103B,C	Unltd	Mon-Fri *1	1400-0300Z‡	VFR-IFR	ZAB CNTR/FSS	F	
R-5104A	To But Not Including 18000	Mon-Fri *1	1500-0700Z‡	VFR-IFR	ZAB CNTR/FSS	G	
R-5105	To 10000	Mon-Fri *1	1500-0700Z‡	VFR-IFR	ZAB CNTR/FSS	G	
R-5107A	Unltd	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	F	
R-5107B	Unltd	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	F	
R-5107C	9000 To Unltd	Mon-Fri *1	Cont	VFR-IFR	ZAB CNTR/FSS	F	
R-5107D	To 22000	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	F	
R-5107E	Unltd	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	F	
R-5107H	To 9000	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	F	
R-5107J	То 9000	Mon-Fri *1	Cont	VFR-IFR	ZAB CNTR/FSS	F	
R-5107K	Unltd	Mon-Fri *1	1400-0300Z‡	VFR-IFR	ZAB CNTR/FSS	F	
R-5111A	13000 To Unltd	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	F	
R-5111B	To 13000	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	F	
R-5111C	13000 To Unltd	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	E,F	
R-5111D	To But Not Including 13000	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	E,F	
R-5113	To 45000	6/1-9/30	1600-0200Z‡	VFR-IFR	ZAB CNTR/FSS	F	
R-5115	To 15000	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	D,E	
R-5123	Unltd	Intermittent	By NOTAM	VFR-IFR	ZAB CNTR/FSS	D,E	
R-6318	To 14000	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	J	
A-231	500 AGL To 6500	Cont	Cont	VFR-IFR	No A/G	В	

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PA
ABEL BRAVO	7000 *2	Mon-Fri *1	1300-0600Z‡	VFR-IFR	ZLA CNTR/FSS	
ABEL EAST	5000 To But Not Including 13000	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	
ABEL NORTH, SOUTH	7000 *2	Mon-Fri *1	1300-0600Z‡	VFR-IFR	ZLA CNTR/FSS	
BAGDAD 1	7000 Or 5000 AGL Whichever Is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	Δ
BEAK A,B,C	12500 *2	Mon-Fri *1	1300-0100Z‡	VFR-IFR	ZAB CNTR/FSS	F
BRONCO 1	8000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZFW CNTR/FSS	
BRONCO 2	10000 *2	By NOTAM	By NOTAM	VFR-IFR	ZFW CNTR/FSS	(
BRONCO 3,4	10000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZFW CNTR/FSS	0
CATO	13500 *2	Mon-Sat *1	1500-0500Z‡	VFR-IFR	ZAB CNTR/FSS	D,
DOME	6000 *2	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	
FUZZY	100 AGL To But Not Including 10000	Cont *1	1400-0200Z	VFR-IFR	ZAB CNTR/FSS	
GLADDEN 1	7000 Or 5000 AGL Whichever Is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	A
JACKAL	11000 Or 3000 AGL Whichever Is Higher *2	Mon-Fri Mon-Fri Intmt Wknds	1400-0100Z By NOTAM By NOTAM	VFR- I FR	ZAB CNTR/FSS	C
JACKAL LOW	100 AGL To But Not Including 11000 Or 3000 AGL Whichever Is Higher	Mon-Fri Mon-Fri Intmt Wknds	1400-0100Z By NOTAM By NOTAM	VFR-IFR	ZAB CNTR/FSS	
LANCER	6200 *2	Mon-Fri *1	1500-0600Z‡	VFR-IFR	ZFW CNTR/FSS	
MORENCI	1500 AGL *2	Mon-Fri *1	1300-0400Z	VFR-IFR	ZAB CNTR/FSS	
OUTLAW	8000 Or 3000 AGL Whichever Is Higher *2	Mon-Fri Mon-Fri Intmt Wknds	1400-0100Z By NOTAM By NOTAM	VFR-IFR	ZAB CNTR/FSS	
PECOS NORTH HIGH	11000 *2	Mon-Fri *1	1500-0300Z‡	∨FR- I FR	ZAB CNTR/FSS	
PECOS NORTH LOW	100 AGL To But Not Including 11000	Mon-Fri *1	1500-0300Z‡	VFR- I FR	ZAB CNTR/FSS	
PECOS SOUTH	500 AGL *2	Mon-Fri *1	1500-0300Z‡	VFR-IFR	ZAB CNTR/FSS	1
QUAIL	10000 *2	Mon-Fri *1	1400-2400Z	VFR-IFR	ZLA CNTR/FSS	T .
RESERVE	5000 AGL *2	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	
RUBY 1	10000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	\top
SELLS 1	10000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	В
SELLS LOW	3000 AGL To But Not Including 10000	Mon-Fri *1	1300-0200Z	VFR- I FR	ZAB CNTR/FSS	В
SMITTY	500 AGL To But Not Including 13500	Cont	1500-0500Z‡	VFR-IFR	ZAB CNTR/FSS	D,
TAIBAN	500 AGL To But Not Including 11000	Mon-Fri *1	1500-0700Z‡	VFR-IFR	ZAB CNTR/FSS	
TALON H I GH EAST	12500 *2	Mon-Fri *1	Days	VFR-IFR	ZAB CNTR/FSS	(
TALON H I GH WEST	12500 *2	Mon-Fri *1	Days	VFR-IFR	ZAB CNTR/FSS	F
TALON LOW	300 AGL To But Not Including 12500	Mon-Fri *1	Days	VFR-IFR	ZAB CNTR/FSS	F
TOMBSTONE A	500 AGL To But Not Including 14500	Mon-Fri *1	1300-0400Z	VFR-IFR	ZAB CNTR/FSS	0
TOMBSTONE B	500 AGL To But Not Including 14500	Mon-Fri *1	1300-0400Z	VFR-IFR	ZAB CNTR/FSS	
TOMBSTONE C	14500 *2	Mon-Fri *1	1300-0400Z	VFR-IFR	ZAB CNTR/FSS	
TURTLE	11000 *2	Mon-Fri *1	1400-2400Z	VFR-IFR	ZLA CNTR/FSS	Τ,

| NAME | ID | PANEL | NAME | ID | PANEL | Abernothry Muni | F83 | H | Geines Co | GNC | H | Phoenix Sky Harbor | PHX | B | Abernothro Genzoles | MMCS | F | Gen R F Villalobos | MMCU | I | Phoenix Sky Harbor | PHX | B | Abernothro Genzoles | MMCS | F | Gen R F Villalobos | MMCU | I | Phoenix Sky Harbor | PHX | B | Abernothro-Genzoles | MMCS | F | Gen R F Villalobos | MMCU | I | Phoenix Sky Harbor | PHX | B | Abernothro-Genzoles | MMCS | F | Gen R F Villalobos | MMCU | I | Phoenix Sky Harbor | PHX | B | Abernothro-Genzoles | MMCS | F | Gen R F Villalobos | MMCU | I | Phoenix Sky Harbor | PHX | B | Abernothro-Genzoles | MMCS | I | Abernothro-Genzoles | MM



PANELS
ABCD

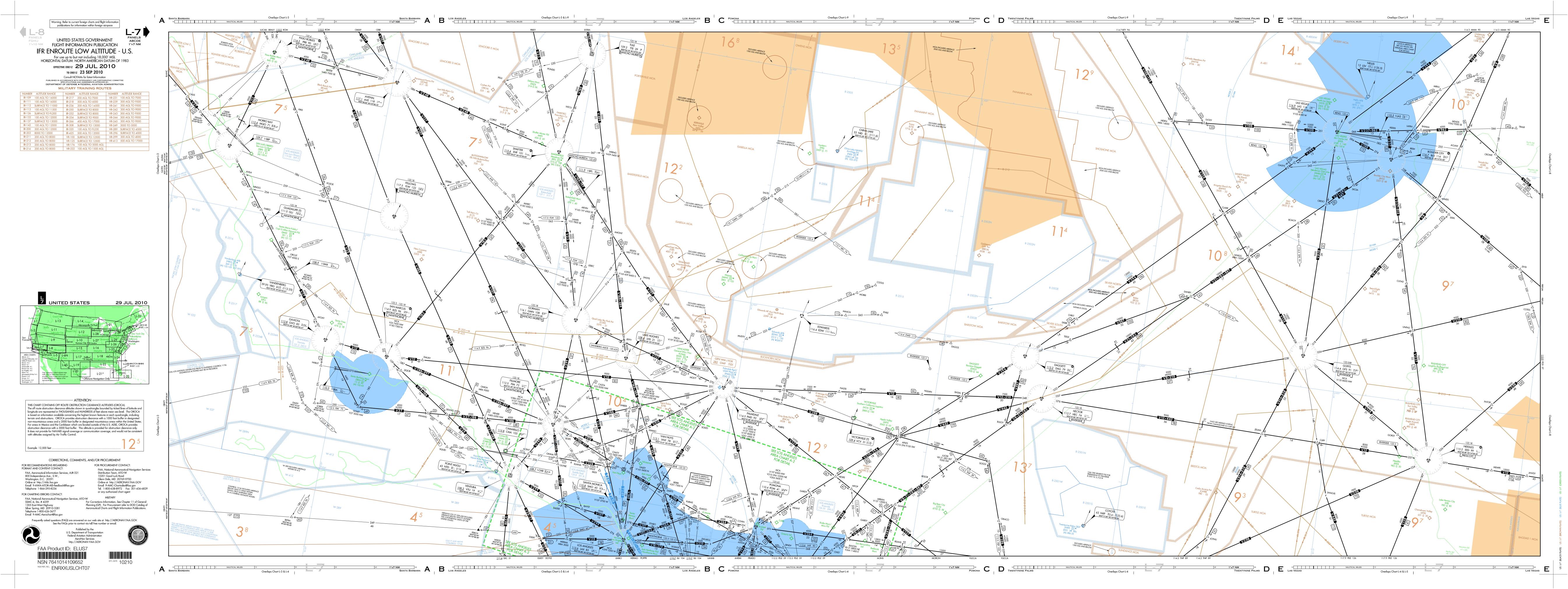
1"=10 NM

UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION IFR ENROUTE LOW ALTITUDE - U.S.

For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 LEGEND

			AIRPORTS	
		Terminal Procedures Publications or the Do	oved Instrument Approach Procedure and/or R	proach Procedure and/or RADAR MINIMA
		RADAR MINIMA.	FLIPs. Facilities in BROWN do not have a pub. 1. A solid line box enclosing the airport 4.	olished Instrument Approach Procedure or Pvt - Private use
		LAND	name indicates FAR 93 Special 5. Requirements-see Directory/Supplement	Associated city names for public airports are shown above or preceding the airport
		- → - → Civil - Military	 "NO SVFR" above the airport name indicates FAR 91 fixed-wing special VFR flight is prohibited 	name. It airport name and city name are the same, only the airport name is shown. City names for military and private airports
			Or D following the airport name indicates Class C or Class D Airspace	are not shown. The airport identifier in parentheses follows the airport name.
		(A) (B) (B) Heliport	Airport Ident CITY AO Location Indicator Airport Nar	Part-time or established by
			outside contiguous U.S. (APT) (ICAO) [Directory for times of operation. In Alaska see Supplement Alaska
		ф -ф- ф- Civil	Airport (A) *109.8	Longest runway length to
			Automatic Terminal Part-time From Information Service Lighting Cape	as the dividing point (add 00)
				No lighting available At private facilities - indicates no
		NIAL	★ Part-time or on request /AIDS AND COMMUNICATION BO	lighting information is available.
		NAVAIDS		ATION BOXES
	0	VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN	NAME (T) ① 000:0 IDT 000(Y) ≅··	000.0 NAME
	Overlaps Chart L-6N	COMPASS ROSES Oriented to	VOR with TACAN compatible DME	000.0 IDT 000 \(\text{L}\)
	о С	Magnetic North of NAVAID which	Underline indicates No Voice transmitted on this frequency. TACAN Channels are	NAME → FSS name
	art L-c	may not be adjusted to the charted isogonic	without voice but not underlined.	Freq(s) positioned above thin line NAVAID box is remoted to the NAVAID site. Other freq(s) at the named FSS radio are
	Ź	values. Smaller sizes are	Crosshatch indicates Shutdown status	available, however, altitude and terrain may determine their reception.
		used in congested areas.	(T) Frequency protection usable range at 12,000' AGL - 25NM	Thin line NAVAID boxes without freq(s) and FSS radio name
			12,000' AGL - 25NM (Y) TACAN must be placed in "Y" mode	indicates no freq(s) available. 000.0 000.0
			to receive distance information	NAME
		VOR VOR/DME TACAN VORTAC	NAME 000 IDT ≌·· (000.0)	000.0 IDD 000 ∷ ::
		LF/MF Non-directional	N00°00.00' W000°00.00'	Shadow NAVAID box indicates NAVAID and Flight Service Station (FSS) have
		Radiobeacon or Marine Radiobeacon with magnetic north indicator	TACAN Channel paired with VHF Frequency in parenthesis.	same name
		/	Automated Weather Broadcast Systems: AASOS/AWOS HIWAS TWEB	000.0 000.0 NAME IDT FSS name and identifier not associated
		UHF Non-directional	Automated weather, when available, is broadcast on the associated NAVAID	with NAVAID
		Radiobeacon	frequency.	Remote Communications Outlet (RCO). FSS radio name and remoted freq(
₹		منانين.	NAME ASOS 000.0 Stand Alone ASOS/AWOS	are shown.
KAPEY		LF/MF Non-directional Radiobeacon/DME	Part-Time NAME	SHADOW BOXES indicate Flight Service Stations (FSS). Frequencies 122.2, 255.4 and emergency 121.5 and 243.0
		/	Request * 000 IDT 00(000.0) =	(Canada-121.5, 126.7 and 243.0) are
X.5		Compass Locator Beacon	LF/MF Non-directional Radiobeacon/DME VHF Freq paired with TACAN Channel	shown. All other frequencies are shown. Certain FSSs provide Airport Advisory Service, see A/FD. Frequencies transmit
		410	TACAN FIX DATA	and receive except those followed by R or R - Receive only
		Flight Service Station (FSS), Remote Communications Outlet (RCO) or Automated Weather Observing Station	Ident Chan	T- Transmit only
		(ASOS/AWOS) not associated with a charted NAVAID or airport	Bearing Distance from TACAN	
		ILS Localizer Course with additional navigation function		
		AIR TRAFF	I IC SERVICES AND AIRSPACE INFO	I DRMATION
		ROUTE VHF/UHF Data is depicted in BLACK	E DATA 00 00	BOUNDARIES Air Route Traffic Control
		LF/MF Data is depicted in BROWN RNAV Data is depicted in BLUE	Changeover Point giving mileage to NAVAIDs (Not shown at midpoint locations)	Center (ARTCC)
		VO VOR Airway	00 00	NAME ARTCC Remoted Sites Name with discrete VHF and O00.0 000.0 UHF frequencies
		A0 LF/MF Airway	*0000 *0000 Minimum Obstruction *0000 Clearance Altitude (MOCA)	Flight Information
		Uncontrolled LF/MF Airway	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA	Region (FIR) Type of Area
		A0 A0 Oceanic Route	MAA-00000 Maximum Authorized	OAKLAND OCEANIC Traffic Service
- [AO AO ATS Route	MEA, MOCA and/or	UNLTD
				FL 55 Floor
		Low Altitude RNAV Route GNSS	MAA Change at other than NAVAIDs	FL 55 Floor Air Defense Identification
l=		RNAV Route GNSS required	MAA Change at other than NAVAIDs R Minimum Reception Altitude	FL 55 Floor Air Defense Identification Zone (ADIZ)
1 <u>9.801</u>		RNAY Route GNSS required	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude	FL 55 Floor Air Defense Identification Zone (ADIZ) Off Route Obstructio Clearance Altitudes
108.6 DMN 3		RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information.	MAA Change at other than NAVAIDs Minimum Reception Allitude (MRA) Minimum Crossing Allitude (MCA)	FL 55 Floor Air Defense Identification Zone (ADIZ) Off Route Obstructio
108.6 DMN 23		RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000° to and including 14000°	Air Defense Identification Zone (ADIZ) 5 Off Route Obstructio Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident
		RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above	Air Defense Identification Zone (ADIZ) 3 Off Route Obstructio Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR)
		RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route Direction of Flight	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS	Air Defense Identification Zone (ADIZ) 3 Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary
		RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000° to and including 14000° 175K applies to all altitudes FIXES/ATC	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights)
		RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only)	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to allitudes above 6000° to and including 14000° 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction (Dearrance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or file) US/Russia Maritime Boundary Area of Enlargement (contain
23		RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Holding Pattern with max restricted airspeed 210K applies to all intudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstructic Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contair only data for ihrough flights) See Area Charts for complete data
23		RNAY Route GNSS required Substitute Route Vic/bypassing temporarily shutdown NAVADS. See NOTAM's or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 Radial outbound from a VHF/UHF NAVAID Bearing inbound to	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to dilutides above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) 5 Off Route Obstructio Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contair only data for ihrough flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION
23	Q	RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMS or appropriate publications for specific information. Unusable Route Segment Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Bearing inbound to an LF/MF NAVAID	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all intudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate
23	Overlaps	RNAY Route GNSS required Substitute Route Vic/bypassing temporarily shutdown NAVADS. See NOTAM's or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 Radial outbound from a VHF/UHF NAVAID Bearing inbound to	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all including 14000′ 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and A Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500° and above is controlled (Class E)
23	Overlaps Char	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Bearing inbound to an LF/MF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all itudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500° and above is controlled (Class E)
23 111.2 CUS	Overlaps Chart L-6h	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Bearing inbound to an LF/MF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all including 14000′ 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and A Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) 5 Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500′ and above is controlled (Class E) Shaded area (brown) indicates uncontrolled airspace below 14,500′ (Class G) In Canada - Indicate Class B Airspace
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAYAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction for Flight Indicator (Canada only) O00.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all ultitudes above 6000′ to and including 14000′ 175K applies to all ultitudes FIXES/ATC REPORTING REQUIREMENTS FIX Compulsory and Non-Compulsory and Non-Compulsory Position Report Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) 5 Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controlled cirspace (Class E) In Canada - Indicate Class B Airspace above 12,500'
23 111.2 CUS	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a ILF/MF NAVAID on LF/MF NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all ultitudes above 6000′ to and including 14000′ 175K applies to all ultitudes FIXES/ATC REPORTING REQUIREMENTS FIX Compulsory and Non-Compulsory and Non-Compulsory Position Report Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) 5 Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controlled airspace below 14,500' (Class G) In Canada - Indicate Class B Airspace above 12,500' Oceanic Control Are (CTA)
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all ultitudes above 6000′ to and including 14000′ 175K applies to all ultitudes FIXES/ATC REPORTING REQUIREMENTS FIX Compulsory and Non-Compulsory and Non-Compulsory Position Report Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500′ and above is controlled airspace below 14,500′ (Class G) In Canada - Indicate Class B Airspace above 12,500′ Oceanic Control Are
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Other Fixes, NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Reportings	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000′ to and including 14000′ 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and Non-Compulsory Position Report Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) Area of Enlargement (contain only data for ihrough flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace (14,500' and above is controlled airspace below 14,500' (Class G) In Canada - Indicate Class B Airspace class B Airspace Class B Airspace Class B Airspace (CTA) Oceanic Control Are (CTA) Additional Control
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points Addial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and Arabica Andrews Tiskes, NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY	MAA Change at other than NAVAIDs PART Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all indudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS FIX Compulsory and Non-Compulsory and Non-Compulsory Position Report Ponotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) Airway Restriction (airway penetrates realding fixes) Airway Restriction (airway penetrates Prohibited & Restricted Airspace)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) 5 Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) WS/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500′ and above is controlled airspace below 14,500′ (Class G) In Canada - Indicate Class B Airspace above 12,500′ Oceanic Control Are (CTA) Additional Control Area limit
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 ID of Route Segment Additional Route Segment None of Reporting Points Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY ARCEY	MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000′ to and including 14000′ 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and Non-Compulsory Position Report Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix (Distance same as route mileage) Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) Airway Restriction (airway penetrotes prohibited & Restricted Airspace) MAA-14900 MAA-14900	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or Fill) Area of Enlargement (contain only data for ihrough flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate (Class E) Shaded area (brown) indicates uncontrolled airspace below 14,500' (Class G) In Canada - Indicate: Class B Airspace class B Airspace class B Airspace charts (CTA) Oceanic Control Are (CTA) Additional Control
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction of Flight Indicator (Canada only) O00.0 IDT 000 Facility Locators used in formation of Reporting Points O00 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY DUCEY Approved The Navaid of the N	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) X X Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) FGROUPING Tring Points dinates are not offshore prohibited & Restricted Airspace) MAA-14900 A000 R 7.72	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controlled airspace (Class E) In Canada - Indicates (Class B) In Canada - Indicates (CTA) Additional Control Area (CTA) Additional Control Area limit Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY ARCEY Mogropo.oo Wod 900.00 Magnetic Reference 900.00 Magnetic Referenc	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all ditudes above 6000' to and including 14000' 175K applies to all ditiudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X Navigational Fix (CNF) (no ATC functions) Airway Restriction (airway penetrates are in for offshore nolding fixes) MAA 14900 A000 A000 A000 R 72	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controlled cirspace (Class E) Shaded area (brown) indicates uncontrolled airspace below 14,500' (Class G) In Canada - Indicates Class B Airspace above 12,500' Oceanic Control Are (CTA) Additional Control Area limit Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE P - Prohibited Area R - Restricted Area R - R - R - R - R - R - R - R - R - R
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between other Compulsory Fixes and/or NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY ARCEY MOGO TOOLO ARCEY MO	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all indudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) FIXES/ATC REPORTING REQUIREMENTS AND	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate airspace (Class E) unless otherwise indicate (Class E) Shaded area (brown) indicates uncontrolled airspace below 14,500' (Class G) In Canada - Indicates Class B Airspace above 12,500' Oceanic Control Are (CTA) Additional Control Area limit Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE Oceanic Control Area R - Restricted Area R - Restricted Area R - Restricted Area R - A Alert Area CYA-101 A A Alert Area CYA-101 MOA - Military MOA - Military
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points O00 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY ARCEY NOO 90.00 *2400 *3500 *400 *360 *400 *360 *400	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000' to and including 14000' 175K applies to altitudes FIXES/ATC REPORTING REQUIREMENTS RNAV Waypoint Compulsory and Non-Compulsory Position Report PRAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) FGROUPING Tring Points dindes are nor of offshore prohibited & Restricted Airspace) MAA-1 4900 18 PO 10 10 10 10 10 10 10 10 10 10 10 10 10	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controlled airspace (Class E) In Canada - Indicates (Class B) In Canada - Indicates class B Airspace above 12,500' Oceanic Control Are (CTA) Additional Control Area limit Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE P - Prohibited Area R - Restricted Area R - R - R - R - R - R - R - R - R - R
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points O00 Radial outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/ RNAV routes. DUCEY ARCEY	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS A Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report PRAV Waypoint Compulsory and Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage) Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) X X Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) FIXES/ATC REPORTING REQUIREMENTS A Non-Compulsory and Non-Compulsory and Non-Compulsory Position Report While Compulsory Position Report A Non-Compulsory Position Report WHF/UHF, toward LF/MF (Distance same as route mileage) A Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) A Navigational Fix (CNF) (no ATC functions)	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) Area of Enlargement (contain only data for through flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500′ and above is controlled airspace (Class E) Shaded area (brown) indicates uncontrolled airspace below 14,500′ (Class G) In Canada - Indicates Class B Airspace above 12,500′ Oceanic Control Are (CTA) Additional Control Area limit Class B Class C Mode C Area Adirspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE P-Fohibited Area W-Varning Area A-Alert Area W-Varning Area A-Alert Area W-Varning Area CYA-101 MOA - Military Operations Area In Canada: CYA-101 Operations Area CYA-103 Operations Area CYA-104 Operations Area
23 111.2 CUS 49 CS 15 65 65	Overlaps Chart L-6N	RNAY Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points 000 ID of Reporting Points Addid outbound from a VHF/UHF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix Total Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown EXAMPLE OF Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes. DUCEY ARCEY NOO 90.00 ARCEY ARCEY NOO 90.00 ARCEY ARCEY NOO 90.00 ARCEY ARCEY ARCEY ARCEY ARCEY ARCEY AR	MAA Change at other than NAVAIDs R Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to all indudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory and Non-Compulsory Position Report Panal May Waypoint Compulsory and Non-Compulsory Position Report Penotes DME Fix (Distance same as route mileage) Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID) Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions) FIXES/ATC REPORTING REQUIREMENTS ANALY Waypoint Compulsory and Non-Compulsory Position Report WHF/UHF, toward LF/MF (Distance same as route mileage) ANALY Waypoint Compulsory and Non-Compulsory Position Report ANALY Waypoint Compulsory Position Report ANALY Waypoint Compulsory Position Report ANALY Waypoint Compulsory Position Report ANALY Waypoint Comp	Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or Fill) Area of Enlargement (contain only data for ihrough flights) See Area Charts for complete data Official Time Zone International Date Line AIRSPACE INFORMATION Open area (white) indicates controlled airspace (Class E) unless otherwise indicate airspace (Class E) unless otherwise indicate airspace (Class E) In Canada - Indicates Class B Airspace above 12,500' Oceanic Control Are (CTA) Additional Control Area limit Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE P - Prohibited Area R - Restricted Area R - Restricted Area (CYA-101 MOA - Military Operations Area In Canada: CYA-101 MOA - Military Operations Area In Canada: CYA - Advisory Area (CYA - Advisory Area CYA - Advisory Area In Canada:

EL PASO | CARLSBAD | CHINAHUA | DEMING | CHINAHUA | CHI INTENTIONALLY LEFT BLANK INTENTIONALLY LEFT BLANK E DEMING CHARLES TO SEL PASO F Adjoins Chart L-6S | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Overlaps DOD C&SA Chart Nr L-1 | DOD USERS; Ove



Peach Springs F G Famington H Famington F G UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION

L-8
PANELS
FGHIJ
1"=10 NM IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 L E G E N D

AIRPORTS

Facilities in BLUE or GREEN have an approved Instrument Approach Procedure and/or RADAR MINIMA published in either the FAA Terminal Procedures Publications or the DoD FLIPs. Those in BLUE have an Instrument Approach Procedure and/or RADAR MINIMA published at least in the High Altitude DoD FLIPs. Facilities in BROWN do not have a published Instrument Approach Procedure or RADAR MINIMA. - \(\frac{116.9 \text{ LAS } 116}{7RALR} \) ⊕ ⊕ ⊕ Heliport VOR with TACAN compatible DME areas.

(IT) Frequency protection usable range at 12,000° AGL - 25NM

(Y) TACAN must be placed in "Y" mode to receive distance information

Thin line NAVAID boxes without freq(s) and FSS radio name indicates no freq(s) available. NAME 000 IDT ≒·· (000.0) Noo°00.00' wooo°00.00' TACAN Channel paired with VHF Frequency in parenthesis. Automated Weather Broadcast Systems:

ASOS/AWOS HIWAS TWEB

O00.0 000.0

NAME IDT

FSS name and identifier not associated with NAVAID NAME ASOS 000.0 Stand Alone ASOS/AWOS 149 ILS Localizer Course with additional navigation function AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION
ROUTE DATA BOUNDARIES LF/MF Airway *0000 *0000 Minimum Obstruction *0000 Clearance Altitude (MOCA Flight Information Region (FIR) Uncontrolled LF/MF Airway 0000 0000 Minimum Enroute Altitude (MEA) AO Oceanic Route MAA-00000 Maximum Authorized Alfitude (MAA) AO ATS Route GNSS required (MRA) Example: 12,500 feet FIXES/ATC REPORTING REQUIREMENTS Direction of Flight Indicator (Canada only)

O00.0 IDT 000

Facility Locators used in formation of Reporting Points

RNAV Waypoint Compulsory and Non-Compulsory Position Report

Official Time Zone 249 <u>110.6 SAF 43</u> Radial outbound from a VHF/UHF NAVAID

Denotes DME Fix (Distance same as route mileage)

AIRSPACE INFORMATION Bearing inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage or area (white) indicates controlled airspace (Class E) unless otherwise indicated Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID)

Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID)

All airspace (Class E) unless onerwise indicated All airspace (Class E) unless onerwise indicated (Class E) Shaded area (brown) indicates uncontrolled airspace helps (14.600) (Class E) Mileage between other
OO OO OO Fixes, NAVAIDS and/or
Mileage Breakdown MTRs 5 NM or less both sides of centerline ∨R-000 → MTRs greater than 5 NM either or both sides of centerline VR-000 → Arrow indicates direction of route

ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV
Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME
Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
All altitudes are MSL unless otherwise indicated
Cont - Continuous: 24 hrs a day, 7 days a week

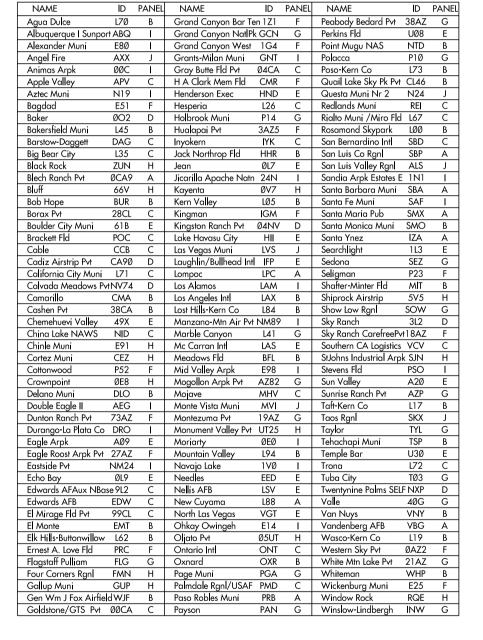
All altitudes are MSL unless otherwise indicated
FL - Flight Level
Time - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means
1/2 hr after sunset to 1/2 hr before sunrise

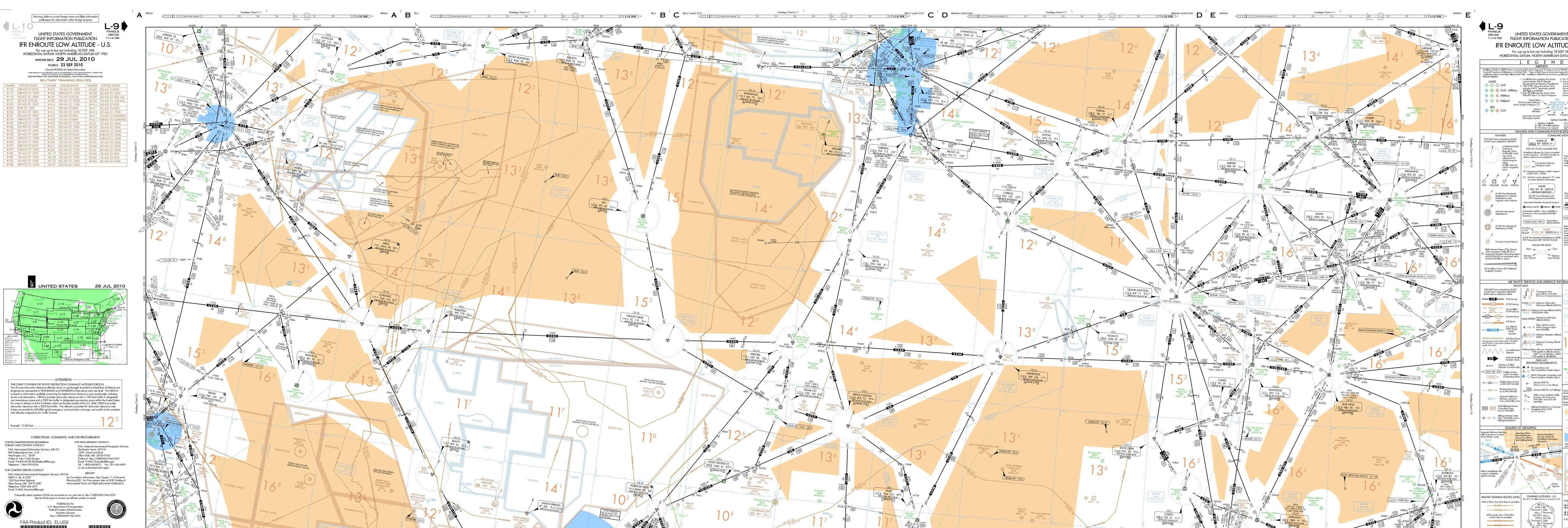
SPECIAL USE AIRSPACE

All altitudes are MSL unless otherwise indicated
- Cont - Continuous: 24 hrs a day, 7 days a week
+ - During periods of Daylight Saving Time (DT)
- effective hours will be one hour earlier than shown.
NOTAM - Use of this term in Restricted Areas indicates FAA Ar
DoD NOTAM systems. Use of this term in all other
Special Use areas indicates the DoD NOTAM system

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
R-2302	To 10000	Mon-Sat	1500-0700Z	VFR-IFR	ZAB CNTR/FSS	G
R-2501E,N,S,W	Un l td	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	D
R-2502A	To 16000	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	D
R-2502E,N	Un l td	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRACON	C,D
R-2504	To 15000	Cont	1400-0800Z‡	VFR-IFR	ZOA CNTR/FSS	A
R-2505	Un l td	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRACON	С
R-2506	To 6000	Mon-Fri	Days	VFR-IFR	FSS/HI-DESERT TRACON	С
R-2515	Un l td	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRACON	С
R-2516	Un l td	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α
R-2517	Un l td	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	Α
R-2519	Un l td	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-2524	Un l td	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRACON	С
R-2534A,B	500 AGL To Unitd	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	Α
R-4806W	Un l td	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	E
R-5101	To 12000	Cont	Cont	VFR-IFR	ZAB CNTR/FSS	1
R-5117	Un l td	Intermittent	By NOTAM	VFR-IFR	ZAB CNTR/FSS	Н
R-5123	Un l td	Intermittent	By NOTAM	VFR-IFR	ZAB CNTR/FSS	H,I
A-231	500 AGL To 6500	Cont	Cont	VFR-IFR	No A/G	F
A-481	7000 To 17000	Cont *1	Sunrise-0600Z‡	VFR	No A/G	D,E
W-289	Un l td	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	A,B
W-289N	To FL 240	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	Α
W-412	To 3000	Cont	Days	VFR-IFR	ZLA CNTR/FSS	Α
W-532	Un l td	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	Α
W-537	Un l td	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	Α
	EFFECTIVE	MILITARY	DPERATIONS A	AREAS	CONTROLLING AGENCY	_
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PAN

332	Unita	interminent	BYNOIAM	VEK-IEK	ZLA CINIK/133	_ A
537	Unltd	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	Α
	ı	MILITARY OI	PERATIONS /	AREAS		
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
GDAD 1	7000 or 5000 AGL Whichever is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	E,F
(ERSF I ELD	2000 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	В
RSTOW	200 AGL *2	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	C,D
STOL	5000 *2	Mon-Fri *1	1500-2300Z‡	VFR-IFR	ZLA CNTR/FSS	D
CKHORN	200 AGL *2	Mon-Fri *1	1400-0600Z‡	VFR-IFR	ZLA CNTR/FSS	С
го	13500 *2	Mon-Sat *1	1500-0500Z‡	VFR-IFR	ZAB CNTR/FSS	Н
SERT	100 AGL *2	Mon-Sat *1	Days	VFR-IFR	NELL I S CONTROL	E
ADDEN 1	7000 or 5000 AGL Whichever Is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
NTER HIGH	11000 *2	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	Α
NTER LOW A	200 AGL To But Not Including 11000	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	Α
NTER LOW B	2000 AGL To But Not Including 11000	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	Α
NTER LOW C	3000 AGL To But Not Including 11000	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	Α
NTER LOW E	1500 AGL To 3000	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	A
BELLA	200 AGL *2 *3	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	B,C
Veta H i gh	13000 *2	Mon-Fri Exc Ho li days *1	1400-2300Z‡	VFR-IFR	ZDV CNTR/FSS	J
NOORE D	5000 *2	Mon-Thu *1 Fri *1 1 Sat per mo *1 1 Sun per mo *1	1600-0700Z‡ 1600-0200Z‡ 1800-0200Z‡ 2100-0500Z‡	VFR-IFR	ZOA CNTR/FSS	A,B
NOORE E	5000 *2	Mon-Thu *1 Fri *1 1 Sat per mo *1 1 Sun per mo *1	1600-0700Z‡ 1600-0200Z‡ 1800-0200Z‡ 2100-0500Z‡	VFR- I FR	ZOA CNTR/FSS	В
/ENS	200 AGL *2 *3	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	С
TMIMAI	200 AGL *2	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	C,D
RTERVILLE	2000 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	В
BERTS	500 AGL To But Not Including 15000	Intermittent	By NOTAM	VFR-IFR	ZOA CNTR/FSS	Α
DSHONE	200 AGL *2	Mon-Fri *1	1400-0600Z‡	VFR-IFR	ZLA CNTR/FSS	D
'ER NORTH	200 AGL To 9000	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	D
ER SOUTH	200 AGL To 7000	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	D
TTY	500 AGL To But Not Including 13500	Cont	1500-0500Z‡	VFR-IFR	ZAB CNTR/FSS	Н
NDANCE	500 AGL To 10000	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	D
1MX	12000 *2	By NOTAM	By NOTAM	VFR-IFR	ZAB CNTR/FSS	G
RTLE	11000 *2	Mon-Fri *1	1400-2400Z	VFR-IFR	ZLA CNTR/FSS	D,E





RENO A B ELY Overlaps Chart L-8 Overlaps Chart L-8

UNITED STATES GOVERNMENT

ABCDE 1"=14 NM		TED STA				NC	1"=12
IFR E	NRO						J.S.
HORIZ	For use ZONTAL D	e up to bu DATUM: N					983
	L	. Е	G E		D		
Facilities in BLUE or GREEN Terminal Procedures Publica published at least in the High	tions or the Dol	D FLIPs. Those	in BLUE have	rocedure and/ e an Instrumen	t Approach	Procedure o	and/or RAE
RADAR MINIMA. LAND O O Civil		Requirement "NO SVFR"	tes FAR 93 Sp s-see Director above the air R 91 fixed-wi	pecial y/Supplement port name	t are sho name. the sar	rivate use ated city na own above If airport n me, only the ames for mil	or precedir name and c e airport na
© © Militar	y ort	B. [C] or [D] foll indicates Clo Airpo	lowing the air ass C or Class art Ident <	D Airspace CIT	are no parent	t shown. Th heses fo ll ow Part-time/	ne airport id vs the airpo e or establi
SEA	IC/	40 Location In utside contigue		Airport (APT) (ICA 280 0* (A) *1	(O)	Director In Alask Longe	 See Airp of for times ca see Supp est runway
		Automatic Te Information S	erminal Service		Frequency Capability:	as the	est 100 feet e dividing p icates soft s
	NIAV	AIDC AND	★ Part-time	ntro ll ed Lighting or on request	g At pr lighti	ghting avail ivate faciliti ng informat	es - indicat
NAVAIDS	INAV	AIDS AND	COMMO		VICATION	BOXES	
VHF/UHF Data is depicted LF/MF Data is depicted in I	in BLACK BROWN	000	NAME (1				000.0
Orient	PASS ROSES ted to etic North	VOR with		mpatible DME			IDT 000 0.00' w000°C
may n	VAID which ot be ed to the d isogonic	on this frequ		oice transmitte N Channels ar erlined.	re Freq(: box is	s) positioned s remoted to at the nan	d above thing the NAVA
	er sizes are n congested		Crosshatch Shutdown	status	availa may a	able, howevel determine the Thin line NA req(s) and I	ver, altitude neir receptio NVAID boxe
	/ /	(Y) TACAN		usable range \ ced in "Y" mod	i	ndicates no	freq(s) avo
VOR VOR/DME TACAN	VORTAC		NAME			000.0	NAME DD 000
LF/MF Non-di Radiobeacon	or Marine	TACA) IDT ∷∵ <u>00°00.00' wood</u> N Channe l po	o <u>°00.00'</u> aired with	and	dow NAVAI Flight Servi	
Radiobeacon magnetic north		Automated		adcast System	s: 000	e name 0.0 000.0	FSS nam
UHF Non-dire Radiobeacon	ectional	Automated v		IWAS 17 TW n available, is ed NAVAID	EB NA	ME IDT	identifier with NA' Remote Co
IF (MEN)			OS 000.0	Stand Alone ASOS/AWC	os C	ME 000.0)	Outlet (RC name and are shown
LF/MF Non-di Radiobeacon/		Part-Time or On- Request		AME 00(000.0) ≐	Statio and e (Cana	DOW BOXE ins (FSS). Fi imergency 1 ada-121.5, able at man	requencies 121.5 and 2 126.7 and
Compass Loca	ator Beacon	VHF Freq pa		adiobeacon/Di CAN Channel	ME showi Certa Service	n. All other in FSSs pro- ce, see A/FI eceive exce	frequencie vide Airpor D. Frequen
Flight Service Station (FSS Communications Outlet (F O Automated Weather Obs	RCO) or	Ident 🤍	NME 00	Chan		R - Receive T- Transmi	e only
(ASOS/AWOS) not associated NAVAID or airpo	ciated with a ort	Bearing / from TACA		from TACA			
ILS Localizer Course with a							
	AIR TRAFFI ROUTE		S AND A	irspace in	nforma T		UNDARIE
VHF/UHF Data is depicted LF/MF Data is depicted in I RNAV Data is depicted in I	in BLACK BROWN	00 00	Changeover giving milea	ge to NAVAIDs		www	Air Route T Center (AR
	OR Airway /MF Airway	*0000 *000	00 Minimum (5000	VAME 2 Vame 3 0 000.05	ARTCC Re with discre UHF freque
Ur	ncontrolled /MF Airway			Altitude (MOC ute Altitude (MI NEA	·		Flight Infor Region (FIF
A0 A0	ceanic Route TS Route	MAA-0000	O Maximum Altitude (M	Authorized NAA)	OAI	— CTA/FIR KLAND OC KZAK <u>UNLTD</u>	
	w Altitude NAV Route GNSS		MEA, MO MAA Cha than NAV	CA and/or nge at other A I Ds		FL 55 —— ACC -	Air Defens
Via/bypassing temporarily shutdov See NOTAMs or appropriate public	required ubstitute Route vn NAVAIDS.	RR R	(MRA)	Reception Altite Crossing Altitu	. 1	2	Zone (ADIZ Off Ro Cleara (ORO)
specific information.	nusable Route		(MCA) Irn with max I	restricted airsp altitudes abov	eed		Example Internation

Arrow indicates direction of route



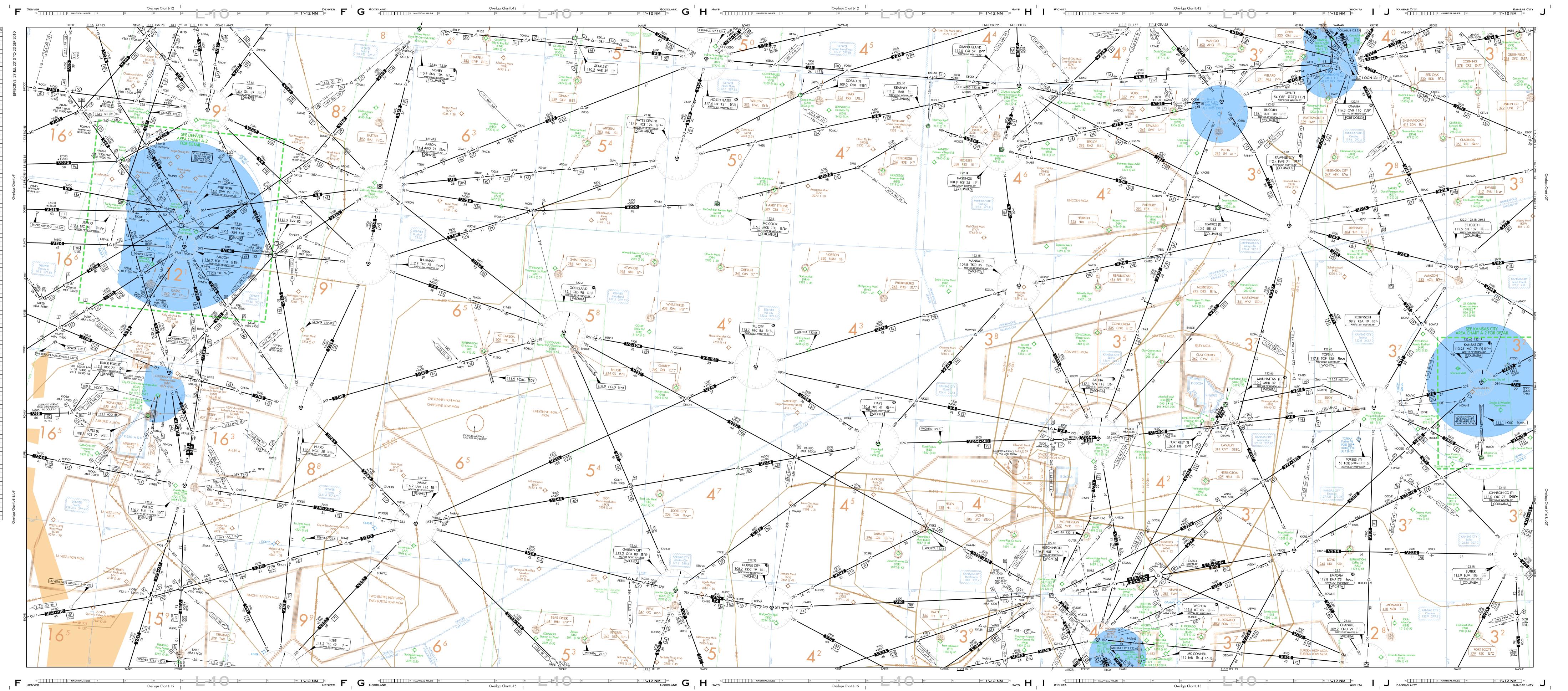


Fort We	C three letter idents: Albu orth ZFW, Houston ZHU, ni ZMA, Minneapolis ZMF	Indianapolis ZID, Jacl	csonvi <mark>ll</mark> e ZJX, Kansas	City ZKC, Los An	geles ZLA, Memphi
		TED, R - RESTRICTE			
		A - ADVISORY, CY			
All altitudes are	MSL unless otherwise ind	icated	Cont - Conti	nuous: 24 hrs a c	day, 7 days a week
FL - Flight Le	eve		† - Durin	g periods of Dayl	ight Saving Time (D
	hown are UTC unless oth				one hour earlier tha
	to Sunset except Canada				ricted Areas indicat
	before sunrise to 1/2 hr				Use of this term in
	to Sunrise except Canado		Speci	ial Use areas indi	cates the DoD NOTA
1/2 hr	after sunset to 1/2 hr bef	ore sunrise			
		SPECIAL	USE AIRSP	ACE	
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AG
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL
R-2505	Unltd	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRA
R-2530	To 8600	Mon-Fri *1	1600-0200Z‡	VFR-IFR	ZOA CNTR/FS
R-2601A	To But Not Including 12500	Mon-Fri *1	1200-0700Z‡	VFR-IFR	ZDV CNTR/FS
R-2601B	12500 To But Not Including 22500	By NOTAM	By NOTAM	VFR-IFR	ZDV CNTR/FS
R-2602	To 1000 AGL	Cont	Cont	VFR-IFR	ZDV CNTR/FS
R-3601A	*2	Mon-Sat *1	1500-2300Z‡	VFR-IFR	ZKC CNTR/FS
R-3602A,B	To 29000	Cont	Cont	VFR-IFR	ZKC CNTR/FS
R-4803	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FS
R-4804A	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FS
R-4806E	100 AGL To Unltd	Mon-Sat *1	1300-0400Z‡	VFR-IFR	ZLA CNTR/FS
R-4806W	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FS
R-4807A	Unltd	Mon 1400Z‡ To Fri 0300Z‡ *1	Cont	VFR-IFR	ZLA CNTR/FS
R-4807B	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FS
R-4808N	Unltd	Cont	Cont	VFR-IFR	No A∕G
R-4808S	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FS
R-4809	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FS
R-4810	To 17000	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FS
P-4811	To 15000	Mon-Fri	1600-23007#	VER-IER	ZOA CNTR/ES

		SPECIAL	USE AIRSPA	CE		
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	1
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANEL
R-2505	Unltd	Cont	Cont	VFR-IFR	FSS/HI-DESERT TRACON	Α
R-2530	To 8600	Mon-Fri *1	1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-2601A	To But Not Including 12500	Mon-Fri *1	1200-0700Z‡	VFR-IFR	ZDV CNTR/FSS	F
R-2601B	12500 To But Not Including 22500	By NOTAM	By NOTAM	VFR-IFR	ZDV CNTR/FSS	F
R-2602	To 1000 AGL	Cont	Cont	VFR-IFR	ZDV CNTR/FSS	F
R-3601A	*2	Mon-Sat *1	1500-2300Z‡	VFR-IFR	ZKC CNTR/FSS	ı
R-3602A,B	То 29000	Cont	Cont	VFR-IFR	ZKC CNTR/FSS	l I
R-4803	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4804A	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4806E	100 AGL To Unltd	Mon-Sat *1	1300-0400Z‡	VFR-IFR	ZLA CNTR/FSS	В
R-4806W	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-4807A	Unltd	Mon 1400Z‡ To Fri 0300Z‡ *1	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-4807B	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-4808N	Unitd	Cont	Cont	VFR-IFR	No A/G	В
R-4808S	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-4809	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	В
R-4810	To 17000	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4811	To 15000	Mon-Fri	1600-2300Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4812	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4813A	*2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A
R-4816N	1500 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-4816S	500 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-6402A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6402B	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6403	To 9000	Mon-Thur	1500-0300Z‡	VFR-IFR	No A/G	С
R-6404A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404B	To 13000	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404C	100 AGL To FL 280	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404D	13000 To FL 250	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	С
R-6405	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6406A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6406B	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6407	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6412A	То 9000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	С
R-6412B	9000 To 10000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	С
R-6412C	То 9000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	С
R-6412D	9000 To 10000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	С
R-6413	Unltd	By NOTAM	By NOTAM	VFR-IFR	ZDV CNTR/FSS	D
4-260	To 17500	Cont	Days	VFR-IFR	No A/G	F
A-481	7000 To 17000	Cont *1	Sunrise-0600Z‡	VFR-IFR	No A/G	В
\-639A	3000 AGL To 12000	Mon-Fri Exc Holidays *1	Days	VFR-IFR	No A/G	F
A-639B	3000 AGL To 12000	Mon-Fri Exc Holidays *1	Days	VFR-IFR	No A/G	F
A-683	To 4500	Mon-Fri	1400-0100Z‡	VFR	No A/G	1
	1	MILITARY OF	PERATIONS A	AREAS		
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANEL
ADA EAST	7000 *2	Mon-Fri	Days By NOTAM	VFR-IFR	ZKC CNTR/FSS	1
		Ocn Sat-Sun				
ADA WEST	7000 *2	Mon-Fri	Denve	V/ED-IED	7KC CNTP /ESS	н

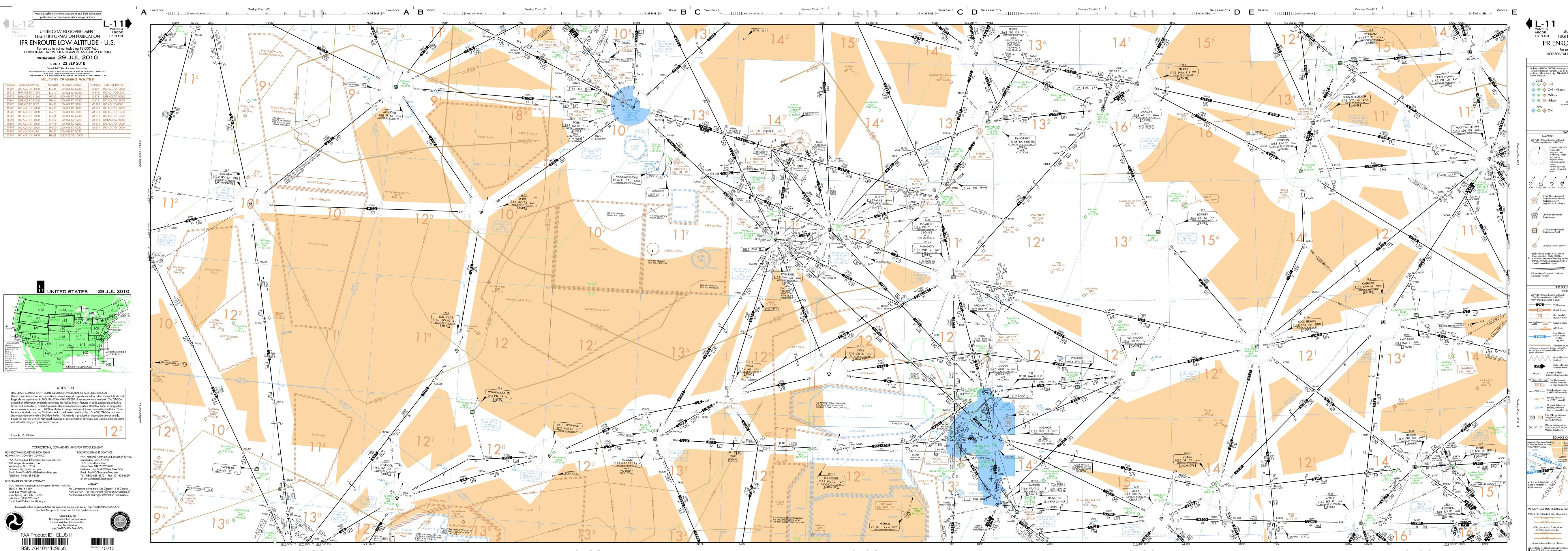
		AII ITARV OF	PERATIONS A	ADEAC		
	EFFECTIVE	I	TIMES USED, UTC	T	CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANEL
ADA EAST	7000 *2	Mon-Fri Ocnl Sat-Sun	Days By NOTAM	VFR-IFR	ZKC CNTR/FSS	1
ADA WEST	7000 *2	Mon-Fri	Days By NOTAM	VFR-IFR	ZKC CNTR/FSS	H,I
AIRBURST A	1500 AGL *2	Ocnl Sat-Sun Tue-Sat *1	By NOTAM Days	VFR-IFR	ZDV CNTR/FSS	F
AIRBURST B	500 AGL *2	Tue-Sat *1	Days	VFR-IFR	ZDV CNTR/FSS	F
AIRBURST C	500 AGL To But Not Including 8500	Tue-Sat *1	Days	VFR-IFR	ZDV CNTR/FSS	F
AUSTIN 1	200 AGL *2	Mon-Fri *1	1600-0500Z‡	VFR-IFR	ZLC CNTR/FSS	A,B
AUSTIN 2	200 AGL *2	Mon-Fri *1	1600-0500Z‡	VFR-IFR	ZLC CNTR/FSS	В
BISHOP	200 AGL *2 1000 AGL *2	Mon-Fri *1 Mon-Fri And	1400-0600Z‡ 1430-1730Z‡	VFR-IFR VFR-IFR	ZLA CNTR/FSS ZKC CNTR/FSS	H,I
		One Wkend per Month *1	1430-1730Z‡ 1930-2200Z‡			'''
CARSON	500 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A
CHEYENNE HIGH	9000 *2	Tue-Sat *1	Days	VFR-IFR	ZDV CNTR/FSS	G
CHEYENNE LOW	300 AGL To But Not Including 9000	Tue-Sat *1	Days	VFR-IFR	ZDV CNTR/FSS	G
CHURCHHILL HIGH	9000 *2	Mon-Fri *1 Sat *1	1515-0645Z‡ 1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	A
CHURCHHILL	500 AGL To 9000	Mon-Fri *1	1.51.5-06457±	VFR-IFR	ZOA CNTR/FSS	А
OW DESERT	100 AGL *2	Sat *1 Mon-Sat *1	1600-0200Z‡ Days	VFR-IFR	NELLIS CONTROL	B,C
UREKA H I GH	6000 *2	Mon-Fri	Days By NOTAM	VFR-IFR	ZKC CNTR/FSS	I I
UREKA LOW	2500 To But Not	Sat-Sun Mon-Fri		VFR-IFR	ZKC CNTR/FSS	
OOTHILL 1.2	Including 6000 2000 AGL *2 *3	Sat-Sun Intermittent	Days By NOTAM		ZOA CNTR/FSS	
GABBS CENTRAL	100 AGL *2	Cont *1	By NOTAM 1515-0730Z‡	VFR-IFR VFR-IFR	ZOA CNTR/FSS ZOA CNTR/FSS	A A,B
GABBS N,S	100 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A,B
GANDY	100 AGL *2	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
SABELLA	200 AGL *2 Excluding 3000 and Below Over Domeland Wilderness Area	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	A
A VETA H I GH	13000 *2	Mon-Fri	1400-2300Z‡	VFR-IFR	ZDV CNTR/FSS	F
A VETA LOW	1500 AGL To But Not	Exc Holidays *1 Intermittent	By NOTAM	VFR-IFR	ZDV CNTR/FSS	F
	Including 13000		, , , , , , , , , , , , , , , , , , ,			
EMOORE C	16000 *2	Mon-Thur *1 Fri *1 1 Sat Per Month *1 1 Sun Per Month*1	1600-0700Z‡ 1600-0200Z‡ 1800-0200Z‡ 2100-0500Z‡	VFR-IFR	ZOA CNTR/FSS	A
EMOORE E	5000 *2	Mon-Thur *1 Fri *1 1 Sat Per Month *1 1 Sun Per Month*1	1600-0700Z‡ 1600-0200Z‡ 1800-0200Z‡ 2100-0500Z‡	VFR-IFR	ZOA CNTR/FSS	A
INCOLN	8000 *2	Tue-Sun *1	1500-2200Z‡	VFR-IFR	ZMP CNTR/FSS	H,I
UCIN A	100 AGL To 9000	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
UCIN C	100 AGL To 6500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
OWENS	200 AGL *2 *3	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	A
PANAMINT	200 AGL *2	Mon-Fri *1	1400-0600Z‡	VFR-IFR	FSS/HI-DESERT TRACON	A,B
NON CANYON ORTERVILLE	100 AGL To 10000 2000 AGL *2	Intermittent Intermittent	By NOTAM By NOTAM	VFR-IFR VFR-IFR	ZDV CNTR/FSS ZLA CNTR/FSS	F A
RANCH	500 AGL To 9000	Mon-Fri *1 Sat *1	1515-0645Z‡ 1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	A
RANCH HIGH	9000 To 13000	Mon-Fri *1	1515-0645Z‡	VFR-IFR	ZOA CNTR/FSS	A
RENO	13000 *2	Sat *1 Mon-Frii *1	1600-0200Z‡ 1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	A
REVEILLE NORTH	100 AGL *2	Mon-Fri *1	1400-0400Z‡	VFR-IFR	ZLC CNTR/FSS	B,C
REVEILLE SOUTH	100 AGL *2 7000 *2	Mon-Fri *1 Intermittent	1400-0400Z‡ By NOTAM	VFR-IFR VFR-IFR	ZLC CNTR/FSS ZKC CNTR/FSS	В
SALINE	200 AGL *2 *3	Intermittent Mon-Fri *1	1400-0600Z‡	VFR-IFR VFR-IFR	FSS/HI-DESERT TRACON	A,B
SEVIER A	100 AGL To 14500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	C
SEVIER B	100 AGL To 9500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
SEVIER C	14500 *2	By NOTAM	By NOIAM	VFR-IFR VED-IED	ZIC CNIR/FSS	C
SHOSHONE	9500 *2 200 AGL *2	By NOTAM Mon-Fri *1	By NOTAM 1400-0600Z‡	VFR-IFR VFR-IFR	ZLC CNIR/FSS ZLA CNIR/FSS	В
MOKY	500 AGL To But Not Including 5000	Mon-Sat *1	1500-2300Z‡	VFR-IFR	ZKC CNIR/FSS	H,I
MOKY HIGH	5000 *2	Mon-Sat *1	1500-2300Z‡	VFR-IFR	ZKC CNTR/FSS	H,I
WO BUTTES HIGH	10000 *2	Tue-Sat *1	Days	VFR-IFR	ZDV CNTR/FSS	F,G
WO BUTTES	300 AGL To But Not Including 10000	By NOTAM	By NOIAM	VFR-IFR	ZDV CNTR/FSS	F,G
1 Other Times By I		ludes Airspace Below 3	000 AGL Over Wildernes:	Areas, National P	arks, and Monuments	
2 To But Not Includ		ious Airspace below 3	OUT WOL OVER AMINGELIES:	, Areas, Hallond P	arra, ana monoments	

NAME A-A Ranch Pvt	ID WY11	PANEL E	NAME Frager Fld	ID ØNE6	PANEL	NAME Nervino	ID OØ2	PANEL A
Abilene Muni	K78	1	Freeman Fld	3JC	i	Ness City Muni	48K	Н
Aknux Pvt Albany Muni	NE38 K19	J	Fremont Co Fresno Chandler Exec	1V6 FCH	F A	New Century Aircent Newton-City-Co	EWK	J
Alfred Schroeder Fld Allen Co	M66 K88	J	Fresno Yosemite Intl Front Range	FAT FTG	A F	Noahs Ark Pvt North Fork Valley	Ø6MO 7V2	J E
Alpine Co	M45	Α	Furnace Creek	LØ6	В	North Platte Rgnl Arp	t LBF	Н
Amedee AAF Amelia Earhart	AHC K59	A J	Garden City Rgnl Gardner Muni	GCK K34	G J	Northwest Missouri Norton Muni	EVU NRN	J H
Animas Air Park Arapahoe Muni	ØØC 37V	E H	Garfield Co Rgnl General Dick Stout Flo	RIL 1118	E C	Oakley Muni Oberlin Muni	OEL OIN	G H
Aspen-Pitkin Co/Sard	yASE	Е	Glenwood Springs	GWS	Е	Offutt AFB	OFF	1
Atwood-Rawlins Co Augusta Muni	ADT 3AU	G	Goshute Pvt Gould Peterson Muni	UT65 K57	C	Ogden-Hinckley Oljato Pvt	OGD Ø5UT	C D
Aurora Muni-Al Potte		I B	Granby-Grand Co	GNB GGF	E G	Olson Fld Pvt	NE3Ø	Н
Austin Battle Mountain	BAM	В	Grant Muni Grassy Meadows Pvt	UT47	С	Onion Crest Arpk Osborne Muni	43NE K75	H
Beatrice Muni Beatty	BIE BTY	l B	Great Bend Muni Greeley-Weld Co	GBD GXY	H F	Ottawa Muni Page Muni	OWI PGA	J
Beaver Muni	U52	С	Green River Muni Greenfield Muni	U34	D	Panguitch Muni	U55	С
Beech Factory Belleville Muni	BEC RPB	l	Gunnison-Crested	GFZ GUC	E	Parkland Pvt Parowan	7COØ 1L9	C
Billy G Ray Fld Blake Fld	CNP AJZ	G E	Hadley Pvt Hanford Muni	NV83 HJO	B A	Perry Stokes Philip Billard Muni	TAD TOP	F I
Blanding Muni	BDG	D	Hanksville	HVE	D	Phillipsburg Muni	PHG	Н
Blosser Muni Bluff	CNK 66V	D D	Harriet Alexander Fld Harris River Ranch Pvi		E A	Pioneer Village Fld Platte Valley Arpk	ØV3 18V	H F
Bolinder Fld-Tooele Boulder Muni	TVY BDU	C F	Harvard State Hastings Muni	Ø8K HSI	I H	Plattsmouth Muni Porterville Muni	PMV PTV	I A
Brenner Fld	FNB	1	Hawthorne Industrial	HTH	Α	Pratt Industrial	PTT	Н
Brewster Fld Brighton Van-Aire Pvt	HDE CO12	H F	Haxtun Muni Hays Rgnl	17V HYS	G H	Provo Muni Pueblo Mem	PVU PUB	C F
Brush Muni	7V5	F	Heber City Muni-Russ	36U	D	Quinn Fld	GTE	Н
Bryant Fld Bryce Canyon	O57 BCE	A C	Hebron Muni Herington Rgnl	HJH HRU	1 1	Rangely Red Cloud Muni	4VØ 7V7	D H
Buckhorn Ranch Pvt Buckley AFB	ØCO2 BKF	E F	Herlong Hill AFB	H37 HIF	A C	Red Oak Muni Reedley Muni	RDK O32	J A
Bu l lfrog Basin	UØ7	D	Hill City Muni	HLC	Н	Renner Fld/Goodlan	d GLD	G
Butts AAF (Fort Carson Cal Black Mem	1)FCS U96	F D	Holyoke Hopkins Fld	HEQ Alb	G D	Reno/Stead Reno/Tahoe Intl	RTS RNO	A
Cambridge Muni Canyonlands Fld	CSB CNY	H D	Hoxie-Sheridan Co Huntington Muni	1F5 69V	H D	Richfield Muni Riverside	RIF K32	C
Captain Jack Thomas	EQA	ı	Hutchinson Muni	HUT	1	Rocky Mountain Met	ro BJC	F
Carbon Co Rgnl Carson	PUC CXP	D A	Imperial Muni Independence	IML 207	G A	Roosevelt Muni Rosaschi Air Park	74V N59	D A
Cedar City Rgnl Centennial	CDC APA	C F	Ingalls Muni Jetmore Muni	3ØK K79	H	Rosecrans Mem Rush Co	STJ K94	J
Central City Muni	Ø7K	1	Jim Kelly Fld	LXN	Н	Russell Muni	RSL	Н
Central Colorado Rgn Central Nebraska Rgr		E H	Johnson Co Exec Jones	OJC 42V	J G	Sabetha Muni Salina Muni	K83 SLN	<u> </u>
Cessna Acft Fld	CEA	ı	Julesburg Muni	7V8	G	Salina-Gunnison	44U	C
Chanute M Johnson Charles B Wheeler	CNU MKC	J	Junction Kanab Muni	U13 KNB	C	Salt Lake City Intl Salyer Farms Pvt	SLC 24CL	C A
Cheyenne Co Muni Christman Fld Pvt	SYF CO55	G F	Kansas City Intl Kearney Rgnl	MCI EAR	J	San Luis Valley Rgnl Satanta Muni	ALS 1K9	E G
Circle L Ranch Pvt	NV27	Α	Kelly Air Park Pvt	CO15	F	Schenck Fld	ICL	J
City Of CO Springs City of Las Animas	COS 7V9	F F	Kingman Airport-Clya Kinsley Muni	33K	H	Scott City Muni Searle Fld	TQK OGA	G G
Clay Center Muni Coffey Co	CYW UKL	1	Kit Carson Co Kugel-Strong Pvt	ITR Ø3CO	G F	Sequoia Fld Seward Muni	D86 SWT	A
Colonel James Jabara	AAO	i	La Junta Muni	LHX	F	Shalz Fld	CBK	G
Colorado City Muni Colorado Plains Rgnl	AZC AKO	C G	Lake Co Lake Tahoe	TVL	E A	Shenandoah Muni Sherman AAF	SDA FLV	J
Colorado Springs Eas Corcoran	t A5Ø CRO	F A	Lakin Lamar Muni	36K LAA	G G	Shively Fld Sidney Muni/L W Co	SAA	E G
Corning Muni	CRZ	J	Land Pvt	CO82	F	Sierraville Dearwater	079	Α
Cortez Muni Council Bluffs Muni	CEZ CBF	D	Larned-Pawnee Co Lawrence Muni	LQR LWC	J H	Silver Springs Silver West	SPZ CØ8	A F
Cozad Muni Craig-Moffat	CZD CAG	H E	Leach Lee Vining	1V8 O24	E A	Skypark Smith Center Muni	BTF K82	C H
Crawford	99V	Е	Lee's Summit Muni	LXT	J	South Valley Rgnl	U42	С
Creech AFB Creston Muni	INS CSQ	B J	Limon Muni Lincoln	LIC	F	Spanish Fork Spanish Peaks Arfld	U77 4V1	C F
Crete Muni Cuchara Va ll ey	CEK Ø7V	I F	Lincoln Co Lloyd Stearman Fld	1L1 1K1	В	Springfield Muni St George Muni	8V7 SGU	G C
Curtis Muni	47V	Н	Lone Pine	O26	A	Stanton Co Muni	2K3	G
David City Muni Dayton Valley Arpk	93Y A34	A	Loup City Muni Lyons-Rice Co Muni	ØF4 LYO	H	Steamboat Springs Sterling Muni	SBS STK	E G
Del Norte Muni Delta Muni	8V1 DTA	E C	Mammoth Yosemite	MMH	A	Stevens Fld Stovepipe Wells	PSO LØ9	E A
Denver Intl	DEN	F	Manhattan Rgnl Manila	4ØU	D	Sublette Flying Club	198	G
Derby Fld Desert Rock Pvt	LOL NV65	A B	Mankato Manti-Ephraim	TKO 41U	H C	Sunflower Pvt Superior Muni	SN76 12K	<u> </u>
Dixie Valley Pvt	NV3Ø	Α	Mariposa-Yosemite	MPI	Α	Syracuse-Hamilton C	o 3K3	G
Dixon Dodge City Rgnl	9U4 DDC	E H	Mark Hoard Mem Marshall AAF	3K7 FRI	G I	Tecumseh Muni Telluride Rgnl	ØG3 TEX	E
Duchesne Muni Durango-La Plata Co	U69 DRO	D E	Marysville Muni Mc Connell AFB	MYZ IAB	1	Thunder Ridge Pvt Tiger Fld	UT83 N58	D A
Dutch John	33U	D	Mc Cook Ben Nelson	MCK	Н	Tonga Pvt	1CD2	F
Eads Muni Eagle Co Rgnl	9V7 EGE	G E	Mc Elroy Arfld Mc Pherson	2ØV MPR	E I	Tonopah Tonopah Test Range	TPH TNX	B B
Eastern Sierra Rgnl Elko Rgnl	BIH EKO	A B	Meadow Lake Meeker	ØØV EEO	F E	Trego Wakeeney Tribune Muni	ØH1 5K2	H G
Ellsworth Muni	9K7	Н	Mefford Fld	TLR	Α	Truckee-Tahoe	TRK	Α
Ely Arpt /Yelland Fld Emporia Muni	ELY EMP	B	Melon Fld Pvt Mesquite	1CO5 67L	F C	Ulysses USAF Acad Afld	ULS AFF	G F
Eppley Arfld	OMA	i	Metrogro Farm Pvt	CO25	F	USAF Bullseye Pvt	CO9Ø	F
Erie Muni Escalante Muni	EIK 1L7	F C	Miami Co Michael AAF	K81 DPG	C	Vance Brand Vernal Rgnl	LMO VEL	F D
Eureka Eureka Muni	Ø5U 13K	B	Milford Muni/Ben Jud Millard	y MLF MLE	C	Visalia Muni Wahoo Muni	VIS AHQ	A
Evanston-Uinta Co	EVW	D	Minden-Tahoe	MEV	Α	Walden-Jackson Co	33V	Е
Fairbury Muni Fairmont State Arfld	FBY FMZ	I	Mineral Co Mem Minneapolis City Co	C24 45K	E I	Walker Fld Wamego Muni	GJT 69K	D I
Fallon Muni Fallon NAS/V Voorhi	FLX	A	Monte Vista Muni Montezuma Muni	MVI K17	E	Washington Co Mem Wayne Wonderland	1 K38	C
Farias Wheel Pvt	NV33	Α	Monticello	U43	D	Wendover	ENV	С
Fillmore Muni	FOM ØJ9	С	Montrose Rgnl Morgan Co	MTJ	E C	Westwinds Wichita Mid-Contine	D17	E
Flying V	EOE		Morgan Co	42U		- Wichila Mid-Confine	nt ICI	- 1



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A LOVELOCK Overlaps Chart L-9 Coverlaps Chart

NGA REF. NO. ENRXXUSLCHT11

PANELS
ABCDE
1"=14 NM
UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION
1"=14 NM IFR ENROUTE LOW ALTITUDE - U.S.

	For us	te up to but not including 18,00	0' MSL
	HORIZONTAL	DATUM: NORTH AMERICAN D L E G E N [
	Terminal Procedures Publications or the Do	AIRPORTS oved Instrument Approach Procedure and/or R D FLIPs. Those in BLUE have an Instrument Ap D FLIPs. Facilities in BROWN do not have a pub	proach Procedure and/or RADAR MINIMA
	LAND	A solid line box enclosing the airport	Pvt - Private use Associated city names for public airports are shown above or preceding the airport name. If airport name and city name are the same, only the airport name is shown. City names for military and private airports are not shown. The airport identifier in parentheses follows the airport name.
WARAR CHANG	(H) (H) Heliport	Airport Ident CAO Location Indicator outside contiguous U.S. Airport Nar (APT) (ICAO) 280 0* 43	Directory for times of operation. In Alaska see Supplement Alaska
	- the - the Civil	Information Service Lighting Cap	requency requirements 100 feet with 70 feet as the dividing point (add 00) sindicates soft surface
	NA	 ○ Pilot Controlled Lighting ★ Part-time or on request ✓AIDS AND COMMUNICATION BOTH 	At private Facilities - indicates no lighting information is available. OXES
	NAVAIDS VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN	COMMUNICA NAME (T) 000.0 IDT 000(Y) ≅⋯	ATION BOXES 000.0 NAME
Overlaps Chart L-12	COMPASS ROSES Oriented to Magnetic North of NAVAID which may not be adjusted to the charted isogonic	VOR with TACAN compatible DME Underline indicates No Voice transmitted on this frequency. TACAN Channels are without voice but not underlined.	000.0 IDT 000 ≌·· N00°00.00' W000°00.00' NAME → FSS name Freq(s) positioned above thin line NAVAID box is remoted to the NAVAID site. Other freq(s) at the named FSS radio are
2	values. Smaller sizes are used in congested areas.	Crosshatch indicates Shutdown status (T) Frequency protection usable range at 12,000' AGL - 25NM (Y) TACAN must be placed in "Y" mode	available, however, altitude and terrain may determine their reception. Thin line NAVAID boxes without freq(s) and FSS radio name indicates no freq(s) available. 000.0 000.0
200	VOR VOR/DME TACAN VORTAC	to receive distance information NAME 000 IDT ≅⋯ (000.0) N00°00.00' W000°00.00'	NAME 000.0 IDD 000 ∷:: N00°00.00' W000°00.00' Shadow NAVAID box indicates NAVAID
	Radiobeacon or Marine Radiobeacon with magnetic north indicator	TACAN Channel paired with VHF Frequency in parenthesis. Automated Weather Broadcast Systems: ASOS/AWOS HIWAS TWEB	and Flight Service Station (FSS) have same name 000.0 000.0 NAME IDT FSS name and identifier not associated with NAVAID
	UHF Non-directional Radiobeacon	Automated weather, when available, is broadcast on the associated NAVAID frequency. NAME ASOS 000.0 Stand Alone ASOS/AWOS	NAME 000.0) Remote Communications Outlet (RCO). FSS radio name and remoted freq(s are shown.
111 6 MAN 52	LF/MF Non-directional Radiobeacon/DME	Part-Time NAME or On-Request *000 IDT 00(000.0) ::	SHADOW BOXES indicate Flight Service Stations (FSS). Frequencies 122.2, 255.4 and emergency 121.5 and 243.0 (Canada-121.5, 126.7 and 243.0) are available at many FSSs and are not
	Compass Locator Beacon Flight Service Station (FSS), Remote	VHF Freq paired with TACAN Channel TACAN FIX DATA Ident Chan	available at many FSSs and are not shown. All other frequencies are shown. Certain FSSs provide Airport Advisory Service, see A/FD. Frequencies transmit and receive except those followed by R or 1 R - Receive only T- Transmit only
	Communications Outlet (RČO) or Automated Weather Observing Station (ASOS/AWOS) not associated with a charted NAVAID or airport	Bearing Distance from TACAN	
	ILS Localizer Course with additional navigation function		
s		L FIC SERVICES AND AIRSPACE INFO E DATA	DRMATION BOUNDARIES
	VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN RNAV Data is depicted in BLUE VO VOR Airway	Changeover Point giving mileage to NAVAIDs (Not shown at midpoint locations)	Air Route Traffic Control Center (ARTCC) NAME ARTCC Remoted Sites Name with discrete VHF and
,	AO LF/MF Airway Uncontrolled LF/MF Airway	*0000 *0000 Minimum Obstruction *0000 Clearance Altitude (MOCA)	Flight Information Region (FIR)
	AO AO ATS Route	0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA)	CTA/FIR Type of Area Traffic Service KZAK UNLTD Ceiling FL 55 Floor
	Low Altitude RNAV Route GNSS required	MEA, MOCA and/or MAA Change at other than NAVAIDs	Air Defense Identification Zone (ADIZ)
	Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information.	(MRA) Minimum Crossing Altitude (MCA)	Off Route Obstruction Clearance Altitudes (OROCA) Example: 12,500 feet
	Unusable Route Segment Preferred Single Direction Route	FIXES/ATC	International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime
	Direction of Flight Indicator (Canada only) 000.0 IDT 000) Facility Locators used in formation	REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and	Area of Enlargement (contains only data for through flights) See Area Charts for complete data
Ove	of Reporting Points Radial outbound from a VHF/UHF NAVAID	Non-Compulsory Position Report Denotes DME Fix (Distance same as route mileage)	Official Time Zone International Date Line AIRSPACE INFORMATION
Overlaps (Bearing inbound to an LF/MF NAVAID Magnetic Reference Bearing, outbound from a NAVAID or Fix	OD Denotes DME Fix and Mileage Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF	Open area (white) indicates controlled airspace (Class E) unless otherwise indicater All airspace 14,500' and above is controlle (Class E)
Overlaps Chart L-12 & L-9	O00 O00 Total Mileage between Compulsory Fixes and/or NAVAIDS	Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions)	Shaded area (brown) indicates uncontrolled airspace below 14,500' (Class G) In Canada - Indicates Class B Airspace above 12,500'
1-9	00 00 00 Mileage between other Fixes, NAVAIDS and/or Mileage Breakdown		Oceanic Control Area (CTA) Additional Control
	Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes.	orting Points rdinates are vin for offshore holding fixes) Airway Restriction (airway penetrates Prohibited & Restricted	Area limit
	DUCEY and	MAA-14900 4000 2000G (54) *2000	Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE
	3500 MEA GAP AT 1222 V30 MEA GAP AT 3500 MEA GAP AT 1222 V30	8 > V30	P-56 R-123 W-789 CYA-101 CYR-103 P - Prohibited Area R - Restricted Area W - Warning Area A - Allert Area MOA - Military Operations Area
	MEA is established with a gap in navigation signal coverage	NAMIE A4 MRA 4000 32 53 Water	A-456 CYA - Advisory Area CYD - Danger Area CYD - Danger Area CYR - Restricted Area Line delimits internal separation of same
		Vignette	WALL 2 Special Use Area

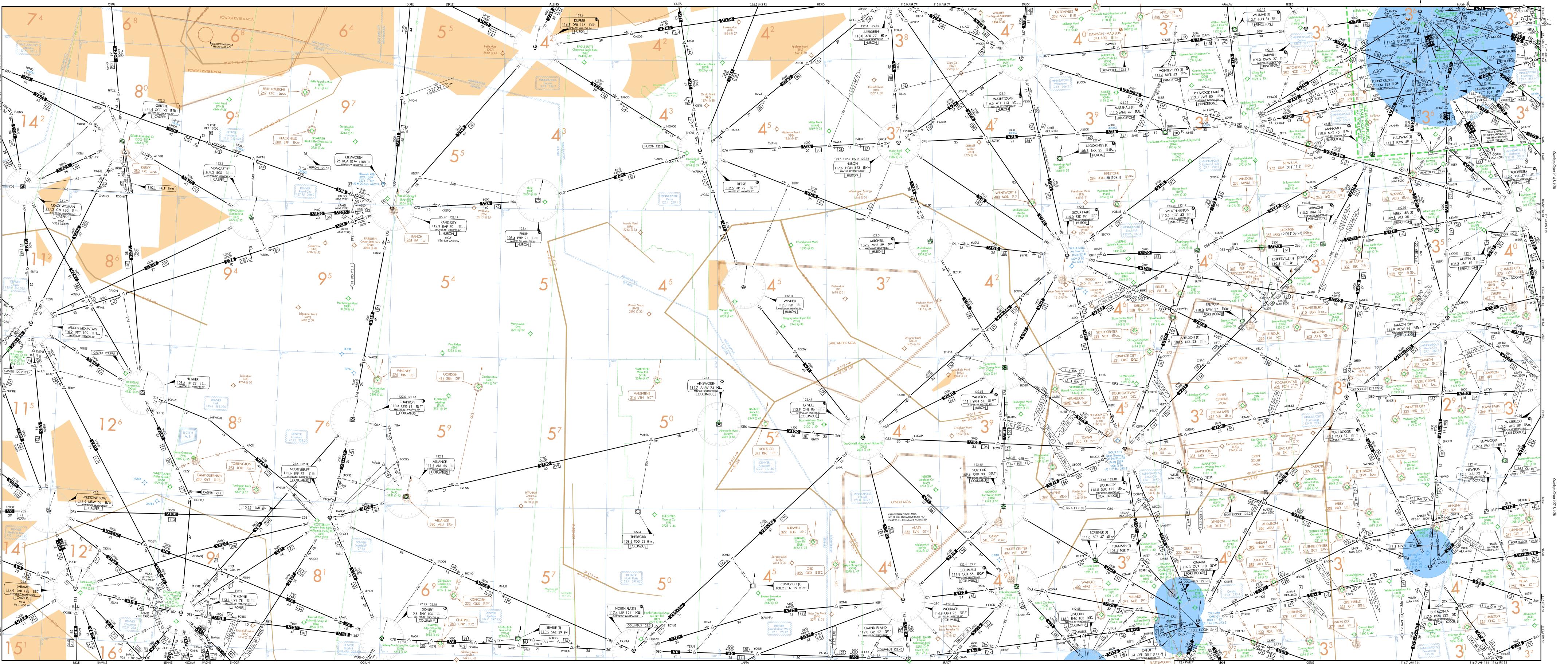
ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
and the state of t

	EFFECTIVE	·	TIMES USED, UTC	CONTROLLING AGENCY		
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
R-2530	To 8600	Mon-Fri *1	1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	Α
R-3202 LOW	*2	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZLC CNTR/FSS	B,C
R-3203A	To 15000	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	В
R-3203B	15000 To 22000	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	В
R-3203C	To 6000	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	В
R-3203D	To 22000	By NOTAM	By NOTAM	VFR-IFR	BOISE ATCT	В
R-3204A	To 100 AGL	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZLC CNTR/FSS	С
R-3204B	100 AGL *2	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZLC CNTR/FSS	С
R-4813A	*2	Cont	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A,B
R-4816N	1500 AGL *2	Cont	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	В
R-6402A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6402B	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6403	To 9000	Mon-Thur	1500-0300Z‡	VFR-IFR	No A/G	С
R-6404A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404B	To 13000	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404C	100 AGL To FL 280	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6404D	13000 To FL 250	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	С
R-6405	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6406A	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6406B	100 AGL To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6407	To FL 580	Cont	Cont	VFR-IFR	ZLC CNTR/FSS	С
R-6412A	To 9000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	D
R-6412B	9000 To 10000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	D
R-6412C	To 9000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	D
R-6412D	9000 To 10000	By NOTAM	By NOTAM	VFR-IFR	SALT LAKE CITY TRACON	D
R-7001A	To But Not Including 8000	Intermittent	By NOTAM	VFR-IFR	ZDV CNTR/FSS	F
R-7001B	8000 To 23500	ntermittent	By NOTAM	VFR-IFR	ZDV CNTR/FSS	F

MILITARY OPERATIONS AREAS

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANI
AUSTIN 1	200 AGL *2	Mon-Fri *1	1600-0500Z‡	VFR-IFR	ZLC CNTR/FSS	В
CARSON	500 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A,B
CHINA	3000 AGL *2	Cont	1600Z‡-Sunset	VFR-IFR	ZOA CNTR/FSS	Α
CRYPT CENTRAL, NORTH, SOUTH	8000 *2	Tue-Sat *1	1530-1700Z‡ 2000-2130Z‡	VFR- I FR	ZMP CNTR/FSS	1
GABBS NORTH	100 AGL *2	Cont *1	1515-0730Z‡	VFR-IFR	ZOA CNTR/FSS	A,B
GANDY	100 AGL *2	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
GOOSE NORTH	3000 AGL *2	Mon-Fri *1	1500-0300Z‡	VFR-IFR	ZSE CNTR/FSS	Α
GOOSE SOUTH	10000 *2 Not Lower Than 3000 AGL	Mon-Fri *1	1500-0300Z‡	VFR-IFR	ZSE CNTR/FSS	A
HART NORTH	11000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
HART SOUTH	11000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
JARBIDGE	100 AGL *2	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZLC CNTR/FSS	B,C
JUN I PER LOW	300 AGL To But Not Including 11000	By NOTAM	By NOTAM	VFR-IFR	ZSE CNTR/FSS	A
JUNIPER NORTH	11000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	A
JUNIPER SOUTH	11000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	A
LAKE ANDES	6000 *2	Tue-Sat *1	1500-1800Z‡ 2000-2300Z‡	VFR-IFR	ZMP CNTR/FSS	Н
LUC I N A	100 AGL To 9000	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
LUC I N B	100 AGL To 7500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
LUC I N C	100 AGL To 6500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR-IFR	ZLC CNTR/FSS	С
O'NEILL	500 AGL *2	Tue-Sat *1	1530-1745Z‡ 2000-2200Z‡	VFR-IFR	ZMP CNTR/FSS	Н
OWYHEE	100 AGL *2	Mon-Fri *1	1430-0500Z‡	VFR-IFR	ZLC CNTR/FSS	В
PARADISE EAST	14500 *2	Mon-Fri *1	1530-0600Z‡	VFR-IFR	ZLC CNTR/FSS	В
PARADISE WEST	14500 *2	Mon-Fri *1	1530-0600Z‡	VFR-IFR	ZLC CNTR/FSS	В
POWDER RIVER A	*2	Mon-Fri *1	1500-0100Z‡	VFR-IFR	ZLC CNTR/FSS	F
POWDER RIVER B	100 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZDV CNTR/FSS	F
RENO	13000 *2	Mon-Fri *1	1600-0200Z‡	VFR-IFR	ZOA CNTR/FSS	Α
SADDLE A	10000 *2	Intermittent	By NOTAM	VFR-IFR	ZLC CNTR/FSS	В
SADDLE B	8000 *2	Intermittent	By NOTAM	VFR-IFR	ZLC CNTR/FSS	В
SEVIER B	100 AGL To 9500	Mon-Fri *1 Sat *1	1400-0700Z‡ 1500-2400Z‡	VFR- I FR	ZLC CNTR/FSS	С
SEVIER D	9500 *2	By NOTAM	By NOTAM	VFR-IFR	ZLC CNTR/FSS	С
WHITMORE 2,3	11000 Or 3000 AGL Whichever Is Higher *2	Mon-Fri *1	1530-0030Z‡	VFR-IFR	ZOA CNTR/FSS	Α

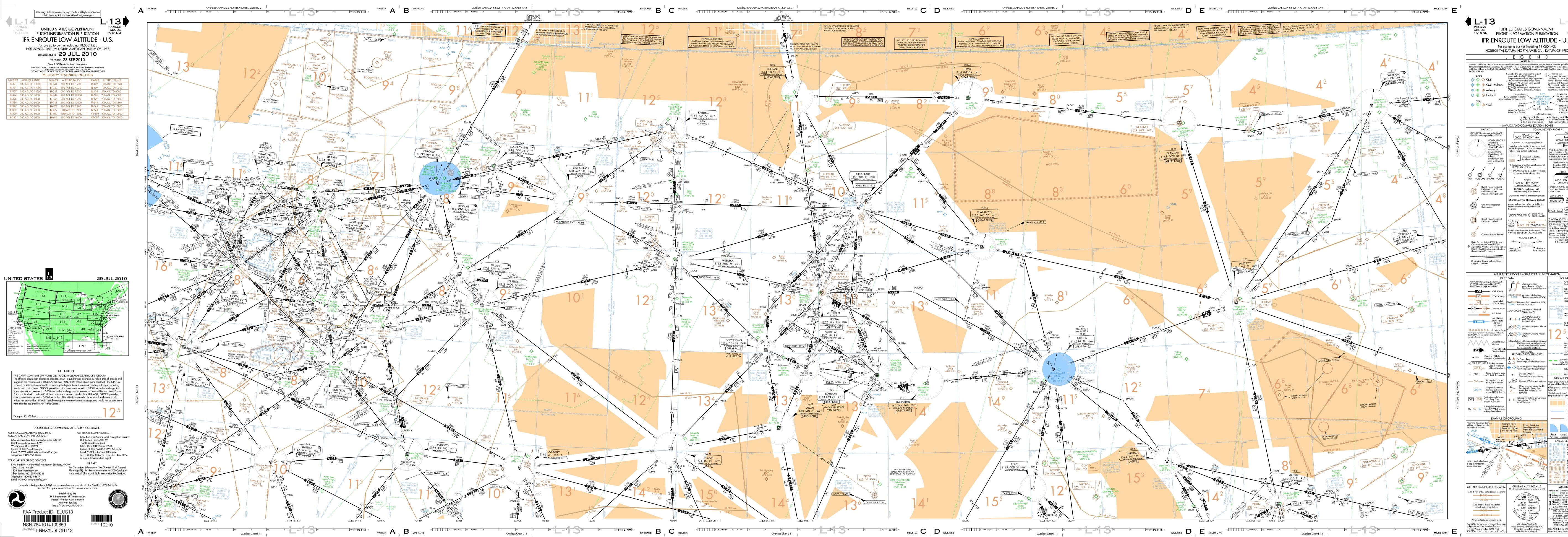
Ellsworth AFB RCA G Murdo Muni 8F6 G Waseca Muni ACQ J Emmetsburg Muni EGQ I Myers Fld CNB I Watertown Rgnl ATY H Emmett Muni S78 B Nampa Muni MAN B Wayne Muni LCG I Eppley Arfld OMA I Nervino OØ2 A Webster City Muni EBS J Estherville Muni EST I New Ulm Muni ULM I Weelborg Pvt 9SD9 I Evanston-Uinta Co EVW D Newton Muni TNU J Weiser Muni S87 B Evelyn Sharp Fld ODX H North Platte Rgnl Arpt LBF G Wells Muni/Harriet LWL C Fairmont Muni FRM I Northeast Iowa Rgnl CCY J Wendover ENV C Faith Muni DØ7 G Offutt AFB OFF I Wessington Springs 4X4 H Fall River Mills O89 A Ogden-Hinckley OGD D Western Neb Rgnl BFF F Faribault Muni FBL J Olivia Rgnl OVL I Wilder 6E5 H Faulkton Muni 3FU H Onawa Muni K36 I Willmar Muni-John L BDH I Flandreau Muni 4P3 I Onida Muni 98D H Winnem Rgnl ICR H Fort Bridger FBR D Ortonville Muni ORC I Winner Rgnl ICR H Fort Bridger FBR D Ortonville Muni DØ2 J Worland Muni WRL E Fremont Muni FET I Osceola Muni I75 J Worthington Muni OTG I Friedman Mem SUN C Owatonna Degner OWA J Yampa Valley HDN E



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IFR ENROLITE LOW ALTITUDE - U.S.

		UTE LOW ALTITUDE up to but not including 18,00	
		DATUM: NORTH AMERICAN D	ATUM OF 1983
	Facilities in BLUE or GREEN have an appro	AIRPORTS oved Instrument Approach Procedure and/or R	ADAR MINIMA published in either the FAA
	published at least in the High Altitude DoD RADAR MINIMA. LAND	name indicates FAR 93 Special 5. Requirements-see Directory/Supplement	Silshed Instrument Approach Procedure or Pvt - Private use Associated city names for public airports are shown above or preceding the airport
	O O Military	2. "NO SYFR" above the airport name indicates FAR 91 fixed-wing special YFR flight is prohibited 3. [Or [D] following the airport name indicates Class C or Class D Airspace Airport Ident CITY	name. If airport name and city name are the same, only the airport name is shown. City names for military and private airports are not shown. The airport identifier in parentheses follows the airport name. Part-time or established by
		AO Location Indicator utside contiguous U.S. Airport (APT) (ICAO) Airport (A) *109.	NOTAM. See Airport/Facility Directory for times of operation. In Alaska see Supplement Alaska Longest runway length to
		Information Service Lighting Cap	as the dividing point (add 00) s indicates soft surface ability: No lighting available At private facilities - indicates no
		AIDS AND COMMUNICATION BO	
	NAVAIDS VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN	NAME (T)	ATION BOXES 000.0
Overlaps Chart L-14	COMPASS ROSES Oriented to Magnetic North of NAVAID which may not be adjusted to the charted isogonic values. Smaller sizes are used in congested	OOO.0 IDT OOO(Y) VOR with TACAN compatible DME Underline indicates No Voice transmitted on this frequency. TACAN Channels are without voice but not underlined. Crosshatch indicates Shutdown status	NAME 000.0 IDT 000 N00°00.00' W000°00.00' NAME Freq(s) positioned above thin line NAVAID box is remoted to the NAVAID site. Other freq(s) at the named FSS radio are available, however, altitude and terrain may determine their reception.
	vor vor/dme tacan vortac	(T) Frequency protection usable range at 12,000' AGL - 25NM (Y) TACAN must be placed in "Y" mode to receive distance information NAME 000 IDT 1000 I	Thin line NAVAID boxes without freq(s) and FSS radio name indicates no freq(s) available. 000.0 000.0 NAME 000.0 IDD 000 ≅:: N00°00.00' w000°00.00'
	LF/MF Non-directional Radiobeacon or Marine Radiobeacon with magnetic north indicator	TACAN Channel paired with VHF Frequency in parenthesis. Automated Weather Broadcast Systems:	Shadow NAVAID box indicates NAVAIC and Flight Service Station (FSS) have same name
	UHF Non-directional Radiobeacon	Asos/AWOS HIWAS TWEB Automated weather, when available, is broadcast on the associated NAVAID frequency.	FSS name and identifier not associate with NAVAID Remote Communication. NAME 000.0 Outlet (RCO). FSS radio name and remoted frequency.
	LF/MF Non-directional Radiobeacon/DME	NAME ASOS 000.0 Stand Alone ASOS/AWOS Part-Time Or On-Request NAME	are shown. SHADOW BOXES indicate Flight Service Stations (FSS). Frequencies 122.2, 255.4 and emergency 121.5 and 243.01 (Canada, 121.5 124.7 and 243.01 are
	Compass Locator Beacon Flight Service Station (FSS), Remote	LF/MF Non-directional Radiobeacon/DME VHF Freq paired with TACAN Channel TACAN FIX DATA	available at many FSSs and are not shown. All other frequencies are shown. Certain FSSs provide Airport Advisory Service, see A/FD. Frequencies transmit and receive except those followed by R or R - Receive only T- Transmit only
	Communications Outlet (RCO) or Automated Weather Observing Station (ASOS/AWOS) not associated with a charted NAVAID or airport	Bearing From TACAN NME 00 000°/000 Distance from TACAN	
	ILS Localizer Course with additional navigation function		
		IC SERVICES AND AIRSPACE INFO	DRMATION BOUNDARIES
	VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN RNAV Data is depicted in BLUE VOR Airway	Changeover Point giving mileage to NAVAIDs (Not shown at midpoint locations)	Air Route Traffic Control Center (ARTCC) NAME ARTCC Remoted Sites Name with discrete VHF and
	AO LF/MF Airway Uncontrolled LF/MF Airway	*0000 *0000 Minimum Obstruction *0000 Clearance Altitude (MCA) 0000 0000 Minimum Enroute Altitude (MEA) 0000 GNSS RNAV MEA	Flight Information Region (FIR) TA/FIR Type of Area
	AO AO AO ATS Route Low Altitude RNAV Route	MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs	OAKLAND OCEANIC KZAK UNLID Ceiling FL 55 Floor
	GNSS required	Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA)	Air Defense Identification Zone (ADIZ) 5 Off Route Obstructic Clearance Altitudes (OROCA)
	Unusable Route Segment Preferred Single Direction Route	Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000' to and including 14000' 175K applies to all altitudes FIXES/ATC	Example: 12,500 feel International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime
	EVEN Direction of Flight Indicator (Canada only) 000.0 IDT 000 Facility Locators used in formation of Reporting Points	REPORTING REQUIREMENTS Fix Compulsory and Non-Compulsory Position Report RNAV Waypoint Compulsory and Non-Compulsory Position Report	
_	Radial outbound from a VHF/UHF NAVAID	Denotes DME Fix (Distance same as route mileage)	Official Time Zone International Date Line AIRSPACE INFORMATION
Overlaps Chart L-12 & L-14	000 - Magnetic Reference Bearing, outbound from a NAVAID or Fix	Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF NAVAID)	Open area (white) indicates controlled airspace (Class E) unless otherwise indicate All airspace 14,500' and above is controll (Class E) Shaded area (brown) indicates uncontrolle airspace below 14,500' (Class G)
↑L12&L14	Total Mileage between Compulsory Fixes and/or NAVAIDS Mileage between other Fixes, NAVAIDS and/or	Mileage Breakdown or Computer X X Navigational Fix (CNF) (no ATC functions)	In Canada - Indicate Class B Airspace above 12,500'
	Mileage Breakdown EXAMPLE OF	GROUPING	Oceanic Control Are (CTA) Additional Control
	Magnetic Reference Bearings will not be shown on joint Victor/RNAV routes.	rting Points dindes are n for offshore nolding fixes) Airway Restriction (airway penetrates Prohibited & Restricted Airspace)	Area limit
	ARCEY ***********************************	MAA-14900 4000 70000 454) *2000 *200	Class B Class C Mode C Area Airspace Airspace See FAR 91.215 SPECIAL USE AIRSPACE P-56 P - Prohibited Area P-56 R - Restricted Area
	T222 V30 MEA is established with	18 90	R-123 W- Verning Area W-789 A - Alert Area CY0-102 MOA - Military CYR-103 III Department Area CYR-104 CORNAGE AREA CYR-105 W-789 A - Alert Area CYR-105 MOA - Military CYR-106 MOA - Military CYR-107 MOA - Military CYR-108 MOA - Alert Area CYA - Advisory Area
	a gap in navigation	MRA 4000 33	A-456 CYD - Danger Area

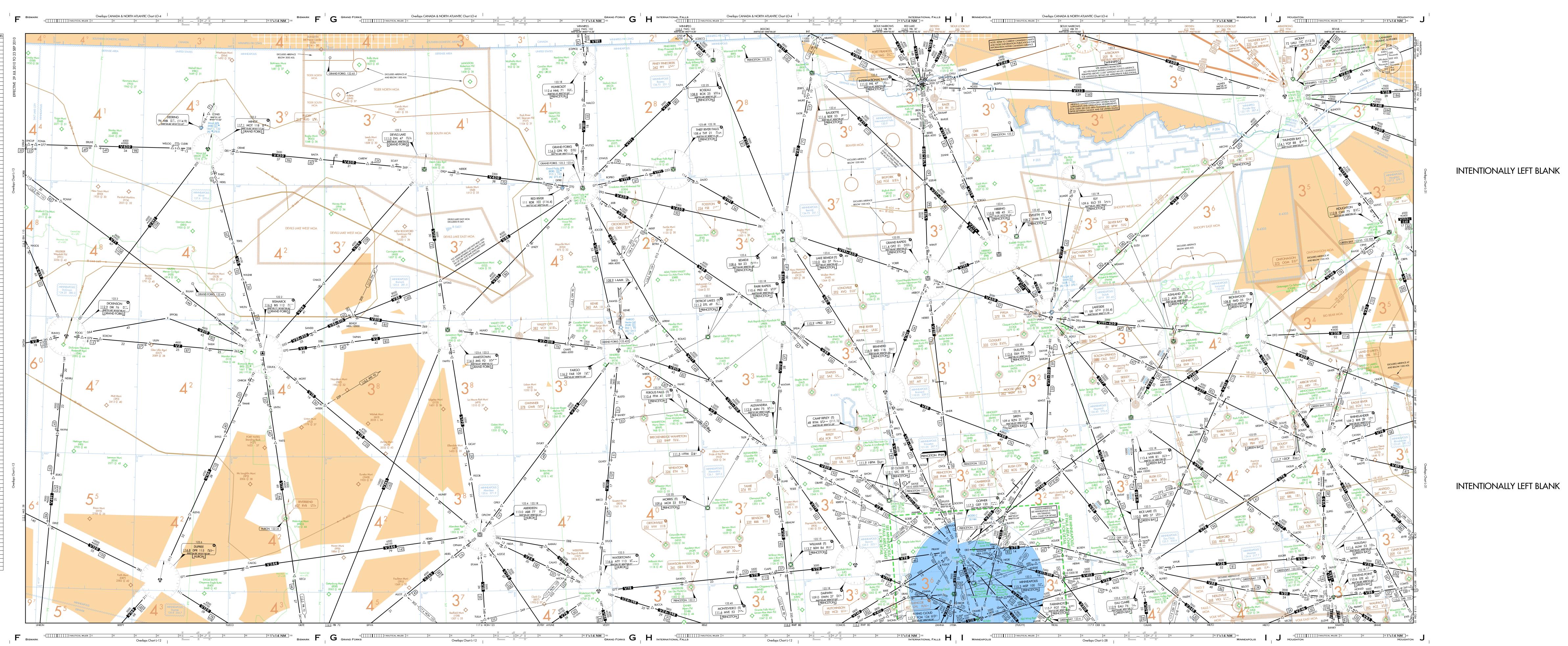
ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS
All allitudes are MSL unless otherwise indicated Cont - Continuous: 24 hrs a day, 7 days a week

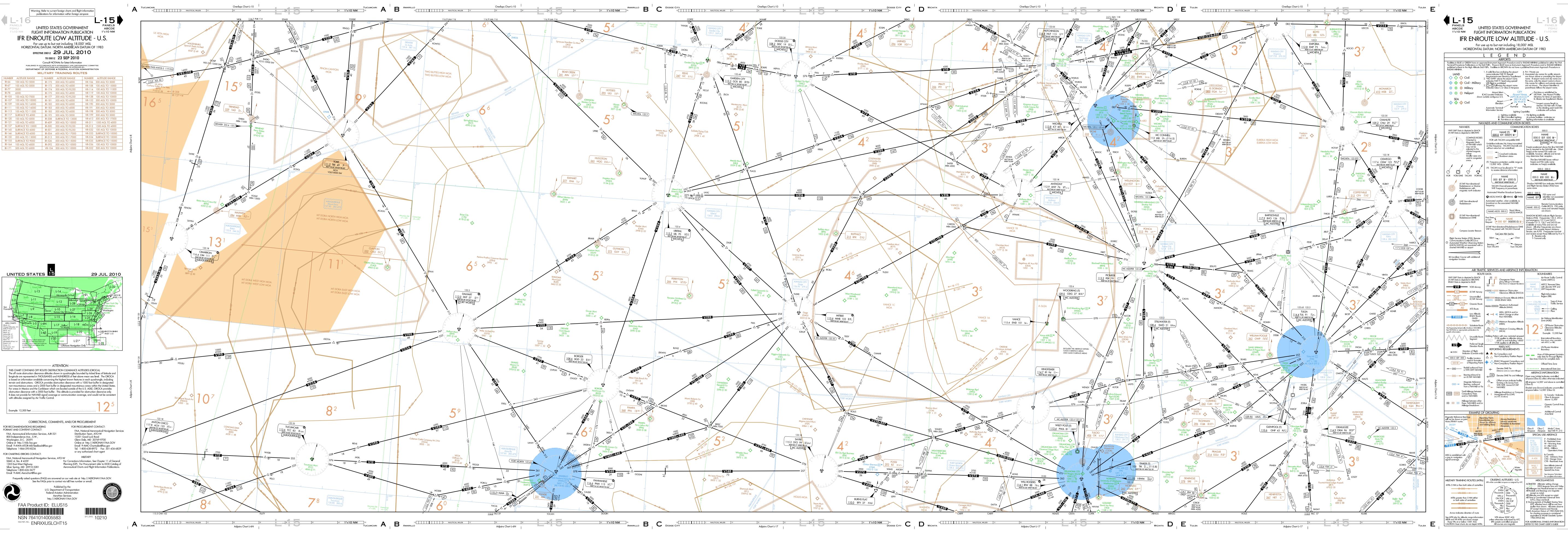
FL	- Flight Level	‡	- During periods of Daylight Saving Time (DT)	
Time	 Hours shown are UTC unless otherwise indicated 		effective hours will be one hour earlier than shown.	
Days	- Sunrise to Sunset except Canada where it means	NOTA	AM - Use of this term in Restricted Areas indicates FAA And	
-	1/2 hr before sunrise to 1/2 hr after sunset		DoD NOTAM systems. Use of this term in all other	
Nights	s - Sunset to Sunrise except Canada where it means		Special Use areas indicates the DoD NOTAM system.	
•	1/2 hr after supset to 1/2 hr hefore suprise		,	

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
P-204	To 4000	Cont	Cont	VFR-IFR	No A/G	1
P-205	To 4000	Cont	Cont	VFR-IFR	No A/G	
P-206	To 4000	Cont	Cont	VFR-IFR	No A/G	
R-4301	To 27000	Cont *1	1330-0600Z‡	VFR-IFR	ZMP CNTR/FSS	Н
R-4305	To FL 450	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	I,J
R-5401	To 5000	By NOTAM	By NOTAM	VFR-IFR	ZMP CNTR/FSS	G
R-5701	To FL 200	Mon-Fri *1	1530-0759Z‡	VFR-IFR	ZSE CNTR/FSS	Α
R-5706	3500 To 10000	Mon-Fri *1	1530-0759Z‡	VFR-IFR	ZSE CNTR/FSS	А
R-6714A,B,C,D, F,G	To But Not Including 29000	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
R-6714H	To But Not Including 5500	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
CYA 117	To 5000	Cont	Days	VFR	No A/G	Α
CYA 210	To 9500	Cont	Cont	VFR-IFR	No A/G	С

CYA 210	To 9500	Cont	Cont	VFR-IFR	No A/G	С
		MILITARY C	PERATIONS A	REAS		
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	T
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
BEAVER	300 AGL To But Not Including 18000	Cont	1300-0400Z‡ By NOTAM	VFR-IFR	ZMP CNTR/FSS	Н
BIG BEAR	500 AGL *2	Cont *1	Eastern Time Zone 1 300-2300Z‡ Central Time Zone 1 400-2400Z‡	VFR- I FR	ZMP CNTR/FSS	J
BOARDMAN	4000 *2	Mon-Fri *1	1530-0759Z‡	VFR-IFR	ZSE CNTR/FSS	Α
DEVILS LAKE EAST	3500 *2	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	G
DEVILS LAKE WEST	4000 *2	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	F,G
FALLS 1	500 AGL *2	Intermittent Tue-Sat *1	By NOTAM 1400-2200Z‡	VFR-IFR	ZMP CNTR/FSS	1
FALLS 2	500 AGL *2	Intermittent Tue-Sat *1	By NOTAM 1400-2200Z‡	VFR-IFR	ZMP CNTR/FSS	ľ
HAYS	300 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZLC CNTR/FSS	D
OKANOGAN A	9000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
OKANOGAN B,C	300 AGL To But Not Including 9000	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	Α
ONTONAGON	500 AGL *2	Cont *1	1300-2300Z‡	VFR-IFR	ZMP CNTR/FSS	I,J
POWDER RIVER A	*2	Mon-Fri *1	1500-0100Z‡	VFR-IFR	ZLC CNTR/FSS	E
POWDER RIVER B	1000 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZDV CNTR/FSS	E
ROOSEVELT A	9000 *2	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	A,B
ROOSEVELT B	300 AGL To But Not Including 9000	Intermittent	By NOTAM	VFR-IFR	ZSE CNTR/FSS	A,B
SNOOPY EAST	300 AGL *2	By NOTAM Normal l y Mon-Sat	Intermittently 1400-0400Z‡	VFR-IFR	ZMP CNTR/FSS	-
SNOOPY WEST	6000 *2	By NOTAM Normally Mon-Sat	Intermittently 1400-0400Z‡	VFR-IFR	ZMP CNTR/FSS	
TIGER NORTH	300 AGL *2	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	F,G
TIGER SOUTH	6000 *2	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	F,G
VOLK EAST	8000 *2	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	J

NAME Aberdeen Rgnl Airlake	ID F ABR LVN	PANEL G I	NAME Frontier Gallatin Fld	ID CJM5 BZN	PANEL D C	NAME Orr Rgnl Ortonville Muni	ORB VVV	F
Airlake Aitkin Muni-Steve Kurl Amery Muni		H	Gallatin Fld Gardiner Garrison Muni	29S DØ5	C	Ortonville Muni Othello Muni Oxbow Pvt	S7Ø OR12	_
Anderson Fld Anoka Co-Blaine Arpt	S97	A	Geraldine Gettysburg Muni	5U8 ØD8	D G	Pangborn Mem Park Falls Muni	EAT PKF	_
	64OG AQP	A	Gillette-Campbell Co Glacier Park Intl	GCC GPI	E C	Park Rapids Muni Park River	PKD Y37	_
Ashley Muni Atikokan Muni	ASY CYIB	G	Glasgow Industrial Pvi		D F	Parshall-Hankins Paynesville Muni	Y74 PEX	-
	4WAØ 7Y4	A	Glencoe Muni Glenwood Muni	GYL GHW	H	Pembina Muni Perham Muni	PMB 16D	-
Baker City Muni Baker Muni	BKE BHK	B E	Gogebic-Iron Co Goldendale	IWD S2Ø	I A	Pine River Rgnl Piney Pinecreek Borde	PWC r 48Y	_
Barnes Co Muni Baudette Intl	BAC BDE	G H	Gopher Gulch Pvt Grand Coulee Dam	OR29 3W7	A	Plains Polson	S34 8S1	_
Beach Belle Creek	2ØU 3V7	E E	Grand Forks Grand Forks AFB	CZGF RDR	A G	Poplar Muni Port of Whitman Bus	PO1 S94	_
Belle Fourche Muni Bemidji Rgnl	EFC BJI	E H	Grand Forks Intl Grand Marais/Cook	GFK CKC	G I	Powell Muni Prentice	POY 5N2	_
Benchmark Bend Muni	3U7 BDN	C A	Grand Rapids/Itasca Granite Falls Muni	GPZ GDB	H H	Price Co Princeton Muni	PBH PNM	_
Benson Muni Bert Mooney	BBB	H C	Grant Co Intl Grant Co Rgnl	MWH GCD	A	Prineville Prosser	S39 S4Ø	_
Beulah Big Muddy Ranch Pvt	95D 2OR1	F A	Grantsburg Muni Great Falls Intl	GTG GTF	C	Pru Fld Pullman/Moscow	33S PUW	_
Big Sandy Big Sky Fld	3U8 \$85	D E	Gwinner-R Melroe Hallock Muni	HCO	G G	Quincy Muni Range Rgnl	8ØT HIB	_
Big Timber Bigfork Muni	6SØ FOZ	D H	Hamry Fld Harding Co	9D2	G E	Ravalli Co Ray S Miller AAF	6S5 RYM	_
Billings Logan Intl Bismarck Muni	BIL BIS 6V5	D F	Harlem Harry Stern	48S BWP 5H4	D H G	Red Lodge Red Wing Rgnl Redfield Muni	RED RGK 1D8	_
Black Hills-Clyde Ice	SPF	F E	Harvey Muni Havre City-Co	HVR	D	Rhinelander-Oneida	RHI	_
Boardman Bottineau Muni	M5Ø DØ9 65S	F B	Hawley Muni Hector Intl	Ø4Y FAR HLN	G C	Rice Lake Rgnl-Carl's Richard B Helgeson	RPD TWM SUW	_
Boundary Co Bowers Fld Bowman Fld	ELN 3U3	A C	Helena Rgnl Hermiston Muni Hettinger Muni	HRI HEI	A	Richard I Bong Richland Riddick Fld	RLD UØ5	_
Bowman Muni Boyceville Muni	BPP 3T3	E	Hillsboro Muni Houghton Co Mem	3H4 CMX	G	Roberts Fld Robertson Fld	RDM D55	_
Brainerd Lakes Rgnl Bridger Muni	BRD 6S1	H	Hoven Muni Hulett Muni	9F8 W43	G	Rolette Rolla Muni	2H9 Ø6D	_
Britton Muni Broadus	BTN ØØF	G E	Hutchinson Muni Hutson Fld	HCD GAF	H	Ronan Roseau Muni/Rudy	7SØ ROX	_
Brooten Muni Buffalo Muni	6D1 CFE	H	Idaho Co Intl Peace Garden	S8Ø S28	B	Roundup Rugby Muni	RPX RUG	_
Burnett Co Cabin Creek Pvt	RZN 97MT	I B	Ione Muni Isedor Iverson	S23 HZX	В	Rush City Rgnl Rusk Co	ROS RCX	_
Cable Creek Pvt Cable Union	96OR 3CU	A	Jamestown Rgnl John F Kennedy Mem	JMS ASX	G	Sand Canyon Sandpoint	1S9 SZT	_
Cambridge Muni Cando Muni	CBG 9D7	G	Johnson Co Jordan	BYG JDN	D D	Sauk Centre Muni Sawyer Co	D39 HYR	_
Cardston Carrington Muni	CEA6 46D	C G	Joseph State Kalispell City	JSY S27	B C	Scobey Shelby	9S2 SBX	_
Carson Fld Pvt Cascade	MT53 U7Ø	B B	Ken Jernstedt Arfld Kenmare Muni	4S2 7K5	A F	Shell Lake Muni Sheridan Co	SSQ SHR	_
Casselton Robert Mille Cavalier Muni	2C8	G G	Kings Land O' Lakes L M Clayton	LNL OLF	J E	Sher-Wood Shoshone Co	PWD S83	-
Central Wisconsin Challis	CWA	J B	L O Simenstad Muni La Grande/Union Co		A	Sidney-Richland Muni Silver Bay Muni	BFW	_
Chandler Fld Chetek Muni	Y23	<u>H</u>	La Moure Rott Muni Lac Qui Parle Co	4F9 DXX	G H	Sisseton Muni Sky Harbor	BD3 DYT	_
Cheyenne Eagle Butte Chippewa Valley Rgn		F I	Lake Chelan Lake Elmo	S1Ø 21D	A I	Sky Ranch Pvt Sloulin Fld Intl	SD33 ISN	_
Choteau Circle Town Co Clark Co	CII 4U6 8D7	C E G	Lakeland/Noble F Lee Lakeside Pvt	MTØ3 5LØ	C G	Solon Springs Muni South Big Horn Co South St Paul Muni	OLG GEY SGS	_
Clintonville Muni Cloquet Carlton Co	CLI	J	Lakota Muni Langlade Co Laurel Muni	AIG 6S8	J	Spokane Intl St Cloud Rgnl	GEG STC	_
Coeur d'Alene Colstrip	COE M46	B D	Leeds Muni Lemhi Co	D31 SMN	G	St Maries Muni St Paul Holman	S72 STP	_
	WA76	A	Lemmon Muni Lewiston-Nez Perce	LEM LWS	F B	Standing Rock Stanford	Y27 S64	-
Condon State Pauling		A	Lewistown Muni Lexington	LWT 9S9	D A	Stanley Muni Staples Muni	Ø8D SAZ	-
Conrad Cook Muni	SØ1 CQM	С	Libby Liberty Co	S59 LTY	В	Starr-Browning Airstri Stevens Point Muni		-
Cooperstown Muni Cottonwood Muni	S32 S84	G B	Lincoln Lind	S69 ØSØ	C A	Stevensville	32S Ø4WN	_
Council Muni Crandon/Conway Mu	U82 ni Y55	B J	Linton Muni Lisbon Muni	7L2 6L3	F G	Sturgis Muni Sunnyside Muni	49B 1S5	_
Creston/Art Sutcliffe Crookston Muni	CAJ3 CKN	B G	Litchfield Muni Little Falls/Morrison	LJF LXL	H H	Taylor Co Terry	MDZ 8U6	_
Crosby Muni Crystal	D5Ø MIC	E F	Longville Muni Madeline Island	XVG 4R5	H	The Sigurd Anderson Thief River Falls Rgnl	1D7 TVF	_
Crystal Lakes Resort Cumberland Muni	Ø1MT UBE	B I	Madras Muni Mahnomen Co	S33 3N8	A H	Thompson Falls Three Forks	THM 9S5	_
Cut Bank Muni Dawson Community	CTB GDV	C E	Malta Mandan Muni	M75 Y19	D F	Thunder Bay Tillitt Fld	CYQT 1S3	_
Deer Lodge-City-Co Deer Park	38S DEW	C B	Manitowish Waters Maple Lake Muni	D25 MGG	J	Tioga Muni Todd Fld	D6Ø 14Y	_
Dell Flight Strip Desert Aire	4U9 M94	C A	Marshfield Muni Martin Fld	MFI S95	A	Tomahawk Rgnl Tomlinson Fld	TKV 8J7	_
Detroit Lakes-Wething Devils Lake Rgnl	DVL	H G	Mayville Muni Mc Call Muni	D56 MYL	G B	Tonasket Muni Tower Muni	12D	_
Dickinson-T Roosevelt Dillon	DLN	F C	Mc Laughlin Muni Menomonie Muni	5P2 LUM	F I	Townsend Trail Tri-Cities	8U8 CAD4	_
Dorothy Scott Dry Creek Arpk Pvt	ØS7 OG21	A	Mercer Co Rgnl Merrill Muni Methous Valley State	RRL	F J	Tri-Cities Troy	PSC 57S	_
Duluth Intl Eagle River Union	DLH EGV	J	Methow Valley State Milbank Muni	S52 1D1	H	Turner Twin Bridges Vagaband AHP	9UØ 7S1	_
Edgar G Obie Edgar Wuni	S71	A D	Mineral Co Minneapolis-St Paul	9S4 MSP	B I	Vagabond AHP Vista Fld	FCT S98	_
Edgeley Muni Ekalaka	51D 97M	G E	Minnesuing Pvt Minot AFB	MIB MOT	F	Wadena Muni	9WN2 ADC	_
Ellow Lake-Pride Ellendale Muni	Y63 4E7	G B	Minot Intl Mission Fld	LVM MSO	C C	Walhalla Muni Walker Muni Walla Walla Paal	96D Y49	_
Ellerport Pvt Ely Muni Ennis-Big Sky	WN54 ELO EKS	B I C	Missoula Intl Mobridge Muni Mohall Muni	MSO MBG HBC	F F	Walla Walla Rgnl Warren Muni Warroad Intl Mem	D37 RRT	-
Ephrata Muni Eureka	ERS EPH 88M	A B	Montevideo-Chippewo Moorhead Muni		H G	Warroad Intl Mem Wasco State Washburn Muni	35S 5C8	-
Eureka Muni Eveleth-Virginia Muni	3W8 EVM	G	Moose Lake Carlton Mora Muni	MZH JMR	 	Watertown Rgnl Watford City Muni	ATY S25	-
Fairchild AFB Fairfield	SKA 5U5	В	Morris Muni Morr's Landing Pvt	MOX ØWI1	H	Waupaca Muni Wausau Downtown	PCZ AUW	-
Fairgrounds Arpk Faith Muni	FØ2 DØ7	D F	Mott Muni Myers Fld	3P3 CNB	F	West Fargo Muni Westhope Muni	D54 D64	-
Falls Intl Faulkton Muni	INL 3FU	H	Napoleon Muni Nary National	5B5 5C3	G H	Weydahl Fld Wheatland Co	9Y1 HWQ	-
Felts Fld Fergus Falls Muni	SFF FFM	В	Neillsville Muni New Richmond Rgnl	VIQ RNH		Wheaton Muni White Sulphur Springs	ETH	-
Ferry Co Fertile Muni	R49 D14	A H	New Town Muni Norman Co Ada	Ø5D DØØ	F H	Willbur Willmar Muni-John L	2S8 BDH	-
Field of Dreams Flying Cloud	Ø4W FCM	I H	North Big Horn Co Northwood Muni	U68 4V4	D G	Wilson Creek Wishek Muni	5W1 6L5	-
Flying Cloud Flying Joseph Pvt Fort Belknap Agency	ØID2 UØ9	C D	Northwoods Pvt Oakes Muni	72MI 2D5	J G		GGW 6S3	-
Fort Benton Fort Frances Muni	79S CYAG	C	Ochoa Fld Pvt Odessa Muni	6WA4 43D	A	Yakima Air Terminal Yellowstone	YKM WYS	-
Fort Harrison AAF	MT15	C	Okanogan Legion	\$35	A	Yellowstone Rgnl	COD	-
Fort Smith Landing	<i>5</i> U7	D	Olivia Rgnl	OVL	Н	Zortman Pvt	MTØ8	





IFR ENROUTE LOW ALTITUDE - U.S.

	L E G E N D)
Terminal Procedures Publications or the Do	AIRPORTS oved Instrument Approach Procedure and/or R D. FLIPs. Those in BLUE have an Instrument Ap	proach Procedure and/or RADAR MINIMA
RADAR MINIMA.		Pvt - Private use
LAND	Requirements-see Directory/Supplement	Associated city names for public airports are shown above or preceding the airport name. If airport name and city name are
💠 💠 💠 Civil - Military	indicates FAR 91 fixed-wing special VFR flight is prohibited 3. [C] or [D] following the airport name	the same, only the airport name is shown. City names for military and private airports are not shown. The airport identifier in
	Cor D following the airport name indicates Class C or Class D Airspace Airport Ident CITY	parentheses follows the airport name. Part-time or established by
shown o	AO Location Indicator Airport Nar outside contiguous U.S. (APT) (ICAO)	NOTAM. See Airport/Facility Directory for times of operation.
SEA 	Airport (A) *109.	Longest runway length to
	Automatic Terminal Part-time Fr Information Service Lighting Cap	as the dividing point (add 00)
	L Lighting available ① Pilot Controlled Lighting	No lighting available At private facilities - indicates no
NAV	★ Part-time or on request /AIDS AND COMMUNICATION BO	
NAVAIDS VHF/UHF Data is depicted in BLACK	COMMUNICATION NAME (T)	ATION BOXES 000.0
LF/MF Data is depicted in BROWN COMPASS ROSES	000.0 IDT 000(Y) ≌··	NAME 000.0 IDT 000 ∷ ··
Oriented to Magnetic North of NAVAID which	VOR with TACAN compatible DME Underline indicates No Voice transmitted	N00°00.00′ W000°00.00′) NAME
may not be adjusted to the	on this frequency. TACAN Channels are without voice but not underlined.	Freq(s) positioned above thin line NAVAII box is remoted to the NAVAID site. Other
charted isogonic values. Smaller sizes are	Crosshatch indicates Shutdown status	freq(s) at the named FSS radio are available, however, altitude and terrain may determine their reception.
used in congested areas.	(T) Frequency protection usable range at 12,000' AGL - 25NM	Thin line NAVAID boxes without freq(s) and FSS radio name
	12,000' AGL - 25NM (Y) TACAN must be placed in "Y" mode to receive distance information	indicates no freq(s) available. 000.0 000.0
VOR VOR/DME TACAN VORTAC	NAME	NAME
/	000 IDT ∺·· (000.0) 000 oo.00′ wooo°00.00′	000.0 IDD 000 ::: N00°00.00' W000°00.00'
LF/MF Non-directional Radiobeacon or Marine Radiobeacon with	TACAN Channel paired with VHF Frequency in parenthesis.	Shadow NAVAID box indicates NAVAID and Flight Service Station (FSS) have same name
magnetic north indicator	Automated Weather Broadcast Systems:	000.0 000.0 FSS name and
UHF Non-directional	ASOS/AWOS HIWAS TWEB Automated weather, when available, is	NAME IDT identifier not associate with NAVAID
Radiobeacon	broadcast on the associated NAVAID frequency.	Remote Communication Outlet (RCO). FSS radion name and remoted freq
LF/MF Non-directional	NAME ASOS 000.0 Stand Alone ASOS/AWOS	are shown.
Radiobeacon/DME	Part-Time or On- Request * 000 IDT 00(000.0) ::	SHADOW BOXES indicate Flight Service Stations (FSS). Frequencies 122.2, 255.4 and emergency 121.5 and 243.0 (Canada-121.5, 126.7 and 243.0) are
/	LF/MF Non-directional Radiobeacon/DME	available at many FSSs and are not shown. All other frequencies are shown.
Compass Locator Beacon	VHF Freq paired with TACAN Channel TACAN FIX DATA	Certain FSSs provide Airport Advisory Service, see A/FD. Frequencies transmit and receive except those followed by R or
Flight Service Station (FSS), Remote Communications Outlet (RCO) or	Ident Chan	R - Receive only T- Transmit only
 Automated Weather Observing Station (ASOS/AWOS) not associated with a charted NAVAID or airport 	Bearing Distance from TACAN	
chaned typy and all point		
ILS Localizer Course with additional navigation function		
	IC SERVICES AND AIRSPACE INFO E DATA	DRMATION BOUNDARIES
VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN	Changeover Point giving mileage to NAVAIDs	Air Route Traffic Control Center (ARTCC)
RNAV Data is depicted in BLUE VOR Airway	(Not shown at midpoint locations)	NAME ARTCC Remoted Sites Name with discrete VHF and
LF/MF Airway	*0000 *0000 Minimum Obstruction	5000.0 000.05 UHF frequencies
	*0000 Clearance Altitude (MOCA)	Flight Information
Uncontrolled LF/MF Airway	0000 0000 Minimum Enroute Altitude (MEA) 0000 GNSS RNAV MEA	Flight Information Region (FIR)
LF/MF Airway A0 A0 Oceanic Route	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA	Region (FIR) CTA/FIR Type of Area Traffic Service KZAK
LF/MF Airway Oceanic Route AO AO ATS Route Low Alfitude	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or	Region (FIR) CTA/FIR Type of Area Traffic Service
AO AO ATS Route Low Altitude RNAV Route GNSS	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs	Region (FIR) Type of Area Traffic Service KZAK UNLID Celling FL 55 Floor ACC Air Defense Identification
AO AO ATS Route Low Altitude RNAV Route GNSS required Substitute Route	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA)	Region (FIR) Type of Area Traffic Service (KZAK UNLID CEANIC FI. 55 ACC Air Defense Identification Zone (ADIZ)
LF/MF Airway Oceanic Route ATS Route Low Alfitude RNAV Route GNSS required	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs	Region (FIR) Type of Area Traffic Service VALAND OCEANIC Traffic Service VALAND OCEANIC Traffic Service VALAND OCEANIC Traffic Service Air Defense Identification Zone (ADIZ) Off Route Obstructic Clearance Altitudes (OROCA)
LF/MF Airway Oceanic Route AO ATS Route Low Allitude RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed	Region (FIR) Type of Area Traffic Service KZAK UNITD Ceiling Floor Air Defense Identification Zone (ADIZ) Off Route Obstructic (OROCA) Example: 12,500 feel
LF/MF Airway Oceanic Route ATS Route Low Altitude RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to allitudes above 6000° to and including 14000° 175K applies to all altitudes	Region (FIR) Type of Area Traffic Service (KZAK UNLIT) Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Soft Route Obstructic Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR)
LF/MF Airway AO AO AO ATS Route Low Altitude RNAV Route GNSS required Substitute Route Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information. Unusable Route Segment Preferred Single Direction Route Direction of Flight	0000 0000 Minimum Enroute Altitude (MEA) 0000G GNSS RNAV MEA MAA-00000 Maximum Authorized Altitude (MAA) MEA, MOCA and/or MAA Change at other than NAVAIDs Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) Holding Pattern with max restricted airspeed 210K applies to altitudes above 6000° to and including 14000° 175K applies to all altitudes FIXES/ATC REPORTING REQUIREMENTS	Region (FIR) Type of Area Traffic Service (KZAK UNLIT) Air Defense Identification Zone (ADIZ) Air Defense Identification Zone (ADIZ) Soft Route Obstructic Clearance Altitudes (OROCA) Example: 12,500 feet International Boundary (Not shown when coincident with ARTCC or FIR) US/Russia Maritime Boundary
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All altitudes are MSL unless otherwise indicated
FL - Flight Level - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means
1/2 hr after sunset to 1/2 hr after sunset
1/2 hr after sunset to 1/2 hr after sunset

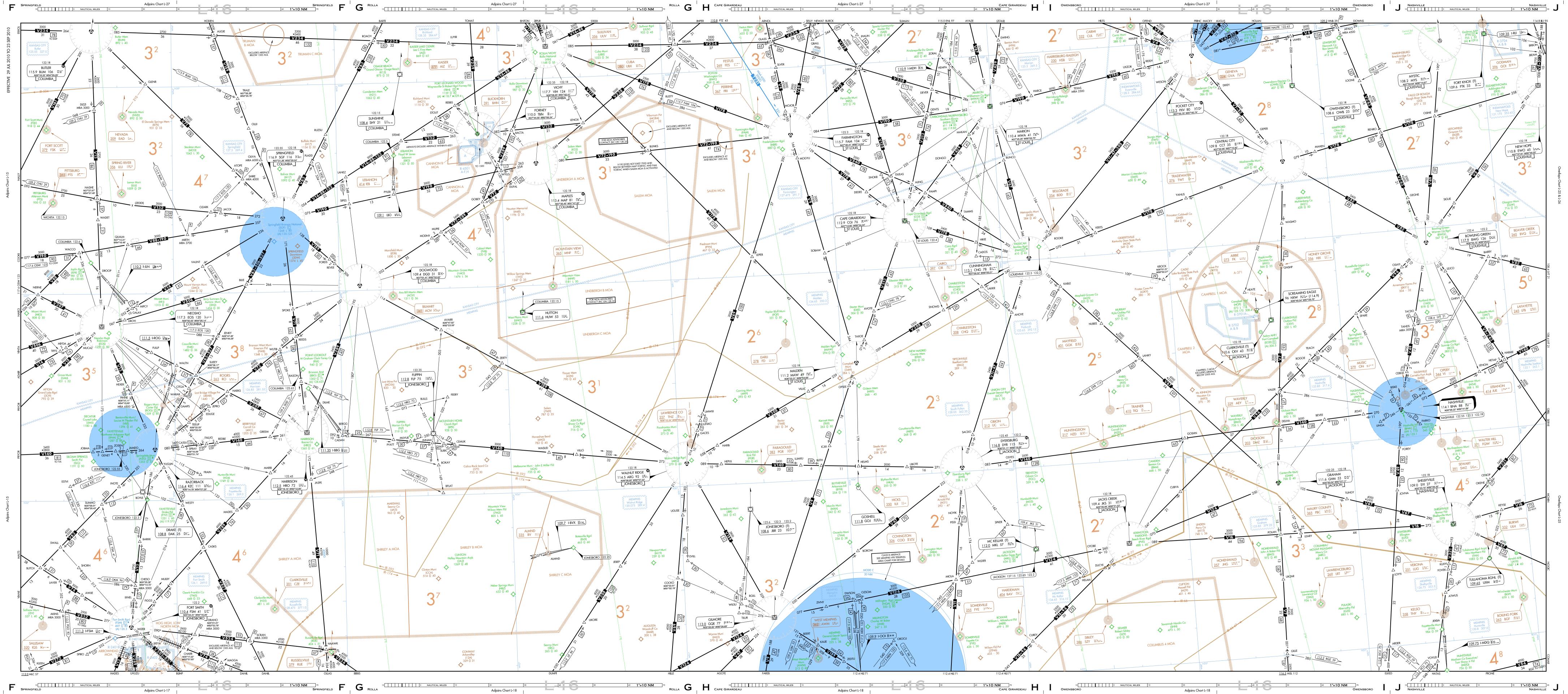
All altitudes are MSL unless otherwise indicated of Continuous: 24 hrs a day, 7 days a week

+ During periods of Daylight Saving Time (DT)
effective hours will be one hour earlier than shown.

NOTAM - Use of this term in Restricted Areas indicates FAA And
DoD NOTAM systems. Use of this term in all other
Special Use areas indicates the DoD NOTAM system.

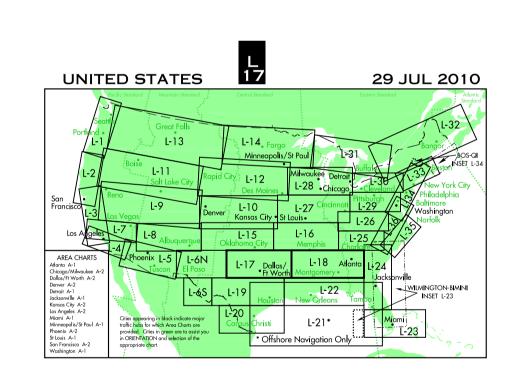
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY		
NUMBER	ALTITUDE	DAYS HOURS		WEATHER	A/G CALL	PANEL	
P-47	To 4800 (1200AGL)	Cont	Cont	VFR-IFR	No A/G	В	
R-2401A,B	To 30000	Cont *1	Days	VFR-IFR	ZME CNTR/FSS	F	
R-2402	То 30000	Cont *1	Days	VFR-IFR	ZME CNTR/FSS	F	
R-3701A	To 5000	By NOTAM	By NOTAM	VFR-IFR	FORT CAMPBELL AAF RAPCON	- 1	
R-3702A	To 10000	By NOTAM	By NOTAM	VFR-IFR	ZME CNTR/FSS	1	
R-3702B	10000 To FL 220	By NOTAM	By NOTAM	VFR-IFR	ZME CNTR/FSS	1	
R-3704A	To 10000	Cont *1	1100-0500Z‡	VFR-IFR	STAND I FORD CONTROL TOWER	J	
R-3704B	10000 To 20000	By NOTAM	By NOTAM	VFR-IFR	STANDIFORD CONTROL TOWER	J	
R-4501A	To But Not Including 2200	Mon-Sat *1	1230-0300Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501B	To 2200	Mon-Sat *1	1230-0400Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501C	2200 To 5000	Mon Tue-Fri *1	1500-0300Z‡ 1500-2200Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501D	5000 To 12000	Mon Tue-Fri *1	1500-0300Z‡ 1500-2200Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501E	12000 To FL 180	Mon Tue-Fri *1	1500-0300Z‡ 1500-2200Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501F	To 3200	Cont	1300-2400Z‡	VFR-IFR	ZKC CNTR/FSS	G	
R-4501H	To 3200	Wed *1	2100-2200Z‡	VFR-IFR	ZKC CNTR/FSS	G	
A-371	To 2000	Cont	Cont	VFR	No A/G	- 1	
A-562A	To 10000	Mon-Fri	SR To 3 Hours After SS	VFR	No A/G	D	
A-562B	To 10000	Mon-Fri	Days	VFR	No A/G	D	
A-683	To 4500	Mon-Fri	1400-0100Z‡	VFR	No A/G	D	

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THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA). The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designate non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADIZ, OROCA provides obstruction clearance with a 3000 foot buffer. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

FAA, Aeronautical Information Services, AJR-321 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov Online at http://AERONAV.FAA.GOV Telephone 1-866-295-8236 or any authorized chart agent FOR CHARTING ERRORS CONTACT:

For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

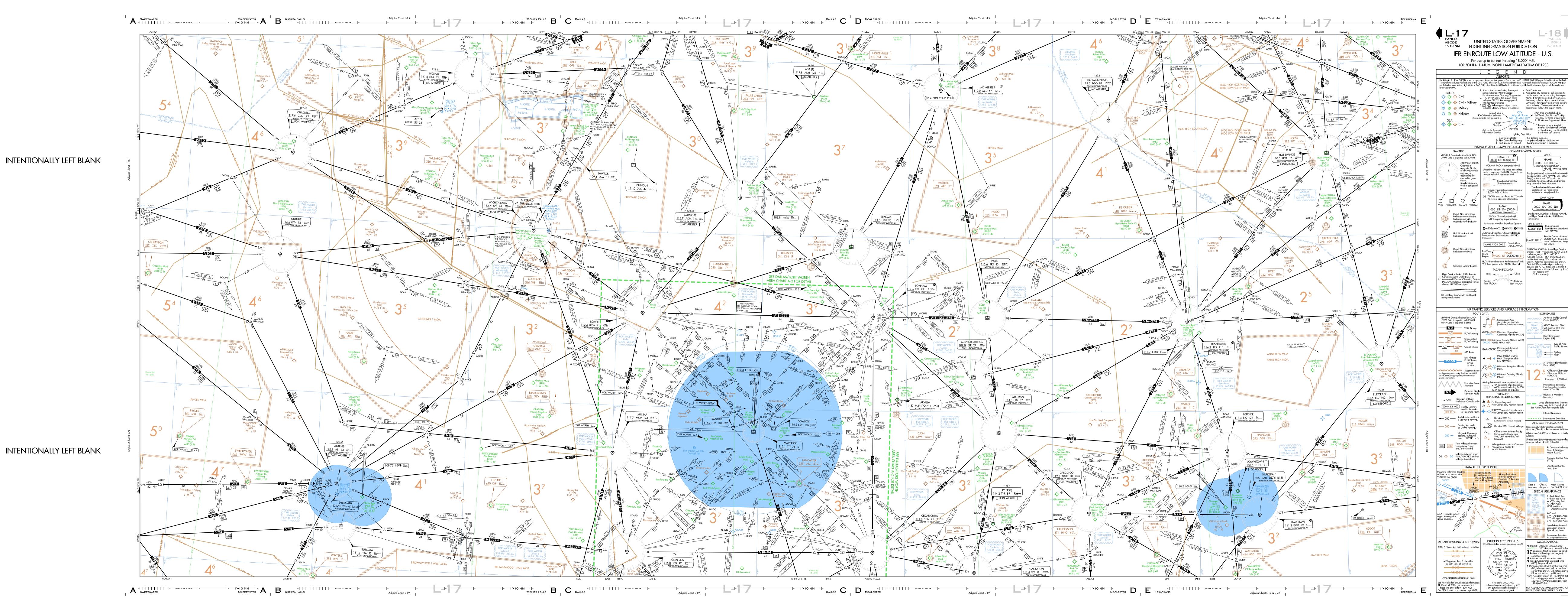
Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV.

See the FAQs prior to contact via toll free number or email.



NSN 7641014109660 NGA REF. NO. ENRXXUSLCHT17





Example: 12,500 feet

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANEL
R-2101	To 5000	Mon-Fri	1300-2400Z‡	VFR-IFR	No A/G	T
R-2102A	To 8000	Intermittent *1	1200-0400Z‡	VFR-IFR	ZTL CNTR/FSS	1
R-2102B	8000 To 14000	Intermittent *1	1200-0400Z‡	VFR-IFR	ZTL CNTR/FSS	1
R-2102C	14000 To 24000	Intermittent *1	1200-0400Z‡	VFR-IFR	ZTL CNTR/FSS	1
R-2104A	To 12000	Intermittent *1 Mon-Sat	1200-0200Z‡	VFR-IFR	ZME CNTR/FSS	Н
R-2104B	To 2400	Cont	Cont	VFR-IFR	ZME CNTR/FSS	Н
R-2104C	To 12000	Intermittent *1 Mon-Sat	1200-0200Z‡	VFR-IFR	ZME CNTR/FSS	Н
R-2104D,E	12000 To FL 300	By NOTAM	By NOTAM	VFR-IFR	ZME CNTR/FSS	Н
R-2403A,B	To 16000	By NOTAM	By NOTAM	VFR-IFR	ZME CNTR/FSS	F
R-3002A	To 4000	Intermittent *1	1100-0700Z‡	VFR-IFR	ATLANTA TRACON	I,J
R-3002B	4000 To 8000	Intermittent *1	1100-0700Z‡	VFR-IFR	ATLANTA TRACON	I,J
R-3002C	8000 To 14000	Intermittent	By NOTAM	VFR-IFR	ATLANTA TRACON	I,J
R-3002D	To 8000	Intermittent *1	1100-0700Z‡	VFR-IFR	ATLANTA TRACON	I,J
R-3002E	8000 To 14000	Intermittent	By NOTAM	VFR-IFR	ATLANTA TRACON	I,J
R-3002F	14000 To FL 250	Intermittent	By NOTAM	VFR-IFR	ATLANTA TRACON	I,J
R-3002G	To 14000	Intermittent *1	1200-0800Z‡	VFR-IFR	ATLANTA TRACON	
R-4404A	To 11500	Intermittent *1	1300-2400Z‡	VFR-IFR	ZME CNTR/FSS	G
R-4404B	1200 AGL To 11500	Intermittent *1	1300-2400Z‡	VFR-IFR	ZME CNTR/FSS	G,H
R-4404C	11500 To 14500	Intermittent *1	1300-2400Z‡	VFR-IFR	ZME CNTR/FSS	G,H
R-5601A	To 40000	Cont	Cont	VFR-IFR	ZFW CNTR/FSS	С
R-5601B	To 40000	Cont	Cont	VFR-IFR	ZFW CNTR/FSS	B,C
R-5601C	To 40000	Cont	Cont	VFR-IFR	ZFW CNTR/FSS	В
R-5601D	500 AGL To FL 400	Mon-Fri *1	Sunrise To 0400Z‡	VFR-IFR	ZFW CNTR/FSS	В
R-5601E	500 AGL To 6000	Mon-Fri *1	Sunrise To 0400Z‡	VFR-IFR	ZFW CNTR/FSS	В
R-5601F	500 AGL To FL 400	Mon-Fri *1	Sunrise To 0400Z‡	VFR-IFR	ZFW CNTR/FSS	B,C
A-211	To 5000	Mon-Fri	1200-0400Z‡	VFR	No A/G	
A-440	To 6500	Mon-Fri Sat-Sun	Sunrise To 3 Hours After Sunset By NOTAM	VFR-IFR	No A/G	G,H
A-443	To 3500	Mon-Fri *1	Days	VFR-IFR	No A/G	Н

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
ANNE HIGH	7000 *2	Mon-Fri *1	Days	VFR-IFR	ZFW CNTR/FSS	Е
ANNE LOW	100 AGL To But Not Including 7000	Mon-Fri *1	Days	VFR-IFR	ZFW CNTR/FSS	Е
ARROWHEAD	100 AGL *2	Mon-Fri *1	1100-0200Z‡	VFR-IFR	ZME CNTR/FSS	Е
BENNING	500 AGL To 8000	Normally Mon-Fri Occasionally Sat-Sun *1	1200-0100Z‡	∨FR- I FR	COLUMBUS ATC TWR	J
BIRMINGHAM	10000 *2	Days *1	1300-0400Z‡	VFR-IFR	ZTL CNTR/FSS	Н
BIRMINGHAM 2	500 AGL To But Not Including 10000	Cont	1300-0400Z‡	VFR-IFR	ZTL CNTR/FSS	Н
BROWNWOOD 1 EAST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW CNTR/FSS	B,C
BROWNWOOD 1 WEST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW CNTR/FSS	В
BROWNWOOD 3	13000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW CNTR/FSS	В
BULLDOG A	500 AGL To But Not Including 10000	Intermittent *1	1200-0500Z‡	VFR-IFR	ZTL CNTR/FSS	J
CAMDEN RIDGE	500 AGL To But Not Including 10000	Norma ll y Cont	1300-0500Z‡	VFR-IFR	ZTL CNTR/FSS	Н
COLUMBUS 1,2,3	8000 *2	Mon-Fri *1	Days	VFR-IFR	ZME CNTR/FSS	G,H
COLUMBUS 4	10000 *2	Mon-Fri *1	Days	VFR-IFR	ZME CNTR/FSS	G,H
HACKETT	7000 *2	Mon-Fri *1	1330-0400Z‡	VFR-IFR	ZFW CNTR/FSS	E,F
HOG HIGH NORTH	6000 *2	Mon-Fri *1	1100-0200Z‡	VFR- I FR	ZME CNTR/FSS	E
HOG HIGH SOUTH	6000 *2	Mon-Fri *1	1100-0200Z‡	VFR-IFR	ZME CNTR/FSS	D,E
HOG LOW NORTH	100 AGL To But Not Including 6000	Mon-Fri *1	1100-0200Z‡	VFR-IFR	ZME CNTR/FSS	Е
HOG LOW SOUTH	100 AGL To But Not Including 6000	Mon-Fri *1	1100-0200Z‡	VFR-IFR	ZME CNTR/FSS	D,E
HOLLIS	11000 *2	Mon-Fri *1	*3	VFR-IFR	ZFW CNTR/FSS	В
JENA 1	100 AGL To 5000	Mon-Fri *1	1400-0400Z‡	VFR-IFR	ZHU CNTR/FSS	E,F
LANCER	6200 *2	Mon-Fri *1	1500-0600Z‡	VFR-IFR	ZFW CNTR/FSS	A,B
MERIDIAN 1 EAST	8000 *2	Mon-Fri *1	Days	VFR-IFR	ZME CNTR/FSS	Н
MERIDIAN 1 WEST	8000 *2	Intermittent Sun-Fri *1	Sunrise-0500Z‡	VFR-IFR	ZME CNTR/FSS	G,H
MOODY 1	8000 *2	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	J
MOODY 3	8000 *2	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	I,J
PINE HILL EAST	10000 *2	Mon-Fri *1 Sat *1	1300-0500Z‡ 1400-2100Z‡	VFR-IFR	ZTL CNTR/FSS	Н
PINE HILL WEST	10000 *2	Mon-Fri *1 Sat *1	1300-0500Z‡ 1400-2100Z‡	VFR-IFR	ZTL CNTR/FSS	Н
RIVERS	8000 *2	Mon-Fri Sat-Sun	1500-0300Z‡ By NOTAM	VFR-IFR	ZFW CNTR/FSS	D
SHEPPARD 1	8000 *2	Mon-Fri *1	Normally *3	VFR-IFR	ZFW CNTR/FSS	B,C
SHEPPARD 2	8000 *2	Mon-Fri *1	Normally *3	VFR-IFR	ZFW CNTR/FSS	Ċ
WASHITA	8000 *2	Mon-Fri *1	*3	VFR-IFR	ZFW CNTR/FSS	B,C
ALECTONES 1	0000 10	14 5 1 43	*0	VED IED	TELL CLIED (FOC	-

Adjoins Chart L-16

F LITTLE ROCK	Adjoins Chart L-16	Adjoins Chart L-16
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F LITTLE ROCK	Adjoins Chart L-16	
F LITTLE ROCK MERIDIAN 1 WEST MOA		

Kosciusko-Attala Co
(OSX)
480 © 50 122.25

MONROE

117.2 MLU 119 :==:

M32°31.01' W92°02.16'

DE RIDDER

FLESH 122.6 122.2 122.1R

MERIDIAN

117.0 MEI 117

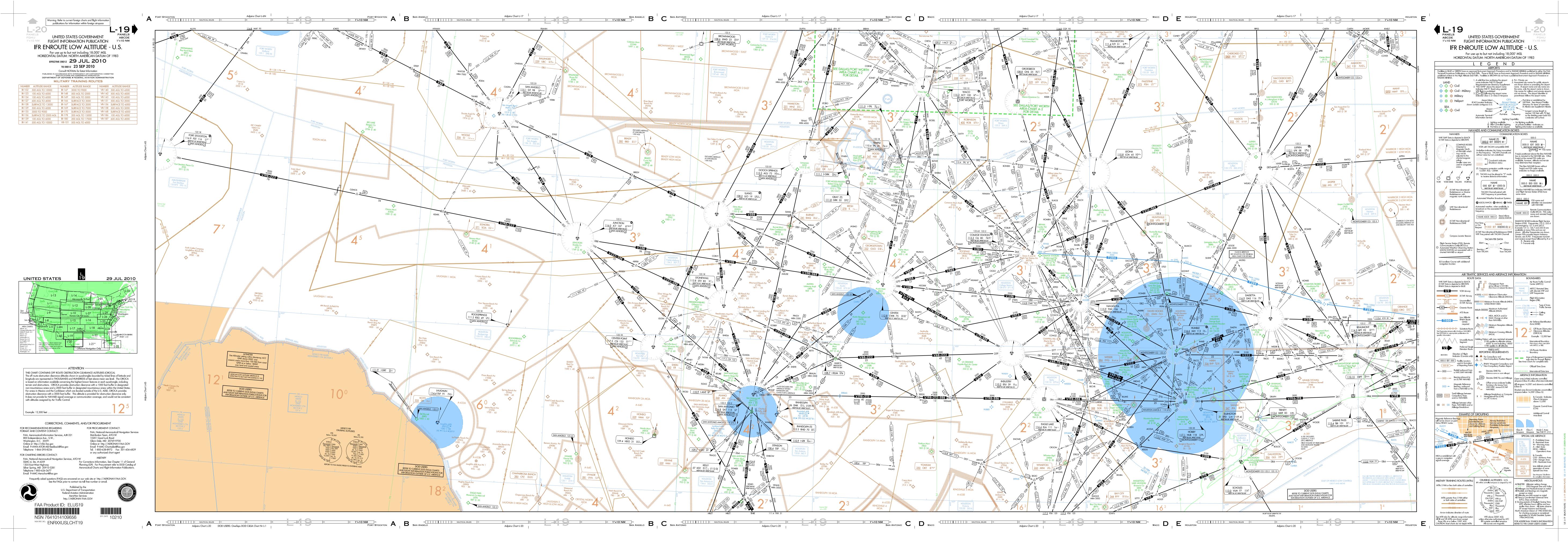
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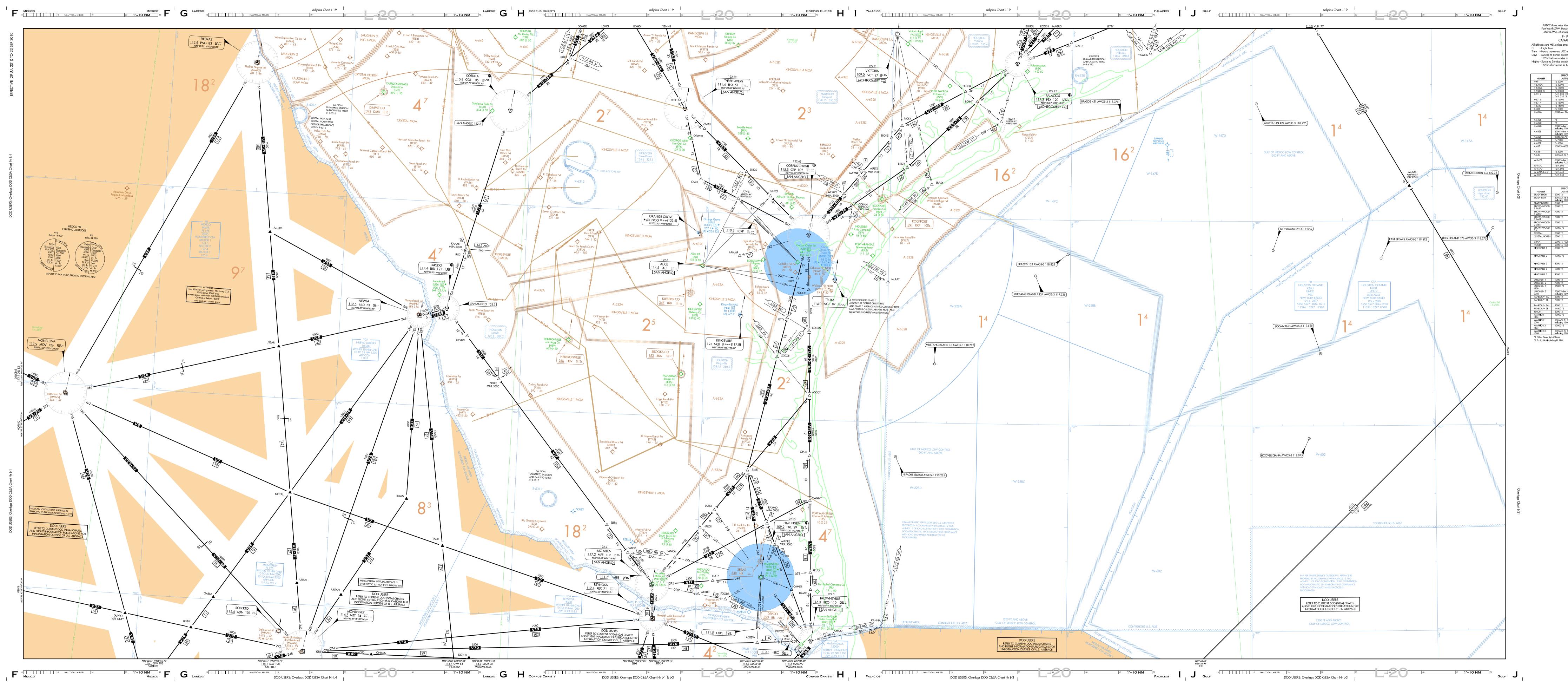
M32°22.71' W88°48.26'

L GREENWOOD I 122.35

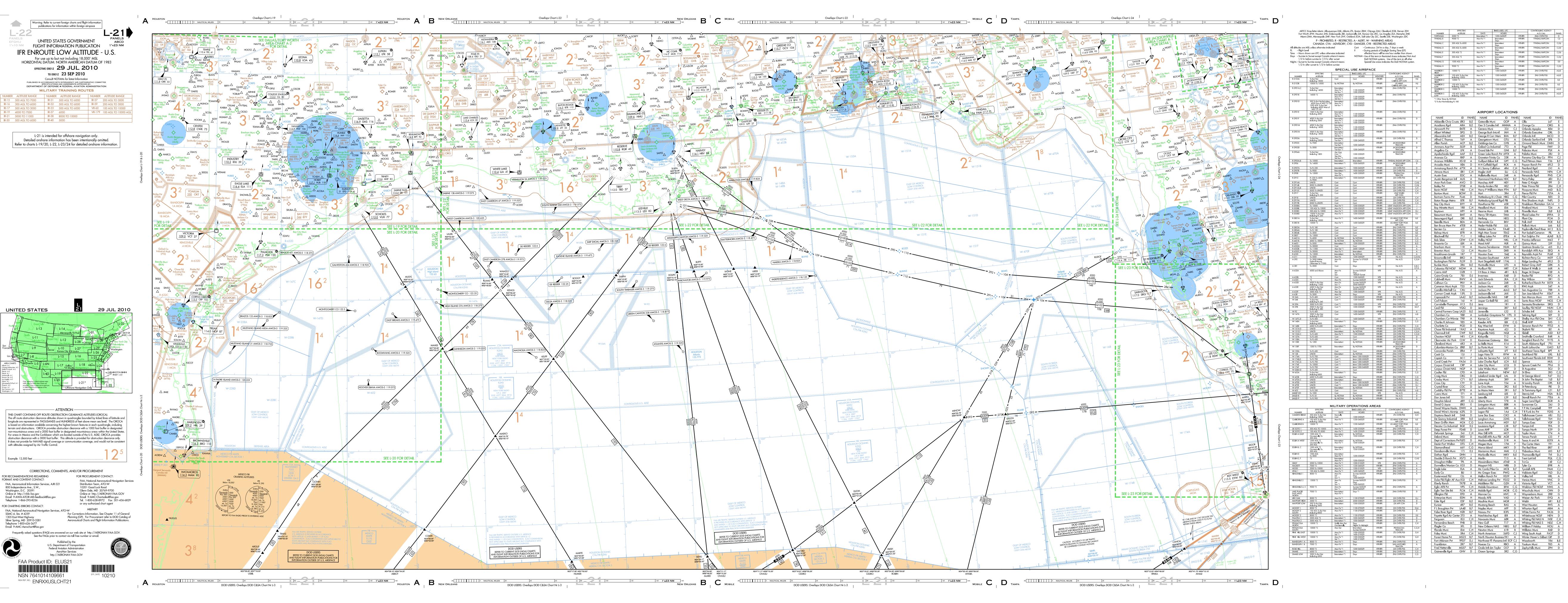
TIFT MYERS (T)
112.5 IFM ::=:
N31°25.72' W83°29.33'

MACON AIRSPACE EXCLUDES
AT AND BELOW 1500 AGL

F LITTLE ROCK Adjoins Chart L-22 Adjoins Chart L-23 Adjoins Chart L-24 Adjoins Chart L-25




	EFFECTIVE		TIMES USED, UTC		CONTROLL
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G
BRADY HIGH	6000 *2	Mon-Fri *1	Sunrise-0400Z‡	VFR-IFR	ZHU C
BRADY LOW	500 AGL To But Not Including 6000	Intermittent	By NOTAM	VFR-IFR	ZHU C
BRADY NORTH	3600 *2	Sun-Fri *1	Sunrise To 0400Z‡	VFR-IFR	ZHU C
BROWNWOOD 1 EAST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW C
BROWNWOOD 1 WEST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW C
BROWNWOOD 2 EAST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW C
BROWNWOOD 2 WEST	7000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW C
BROWNWOOD 3,4	13000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZFW C
CRYSTAL	6000 *2	Cont *1	1300-2400Z‡	VFR-IFR	ZHU C
CRYSTAL NORTH	6000 *2	Tue-Fri *1	1400-1530Z‡ 1900-2030Z‡	VFR-IFR	ZHU C
GRAY	2000 To 10000	Mon-Fri *1	1300-0100Z‡	VFR	ZHU C
HOOD	2000 To 10000	Mon-Fri *1	1300-0100Z‡	VFR	ZHU C
KINGSVILLE 1	8000 *2	Mon-Fri Sat Sun *1	Sunrise-0600Z‡ Days 1600-0600Z‡	VFR-IFR	ZHU C
KINGSVILLE 2	13000 *2	Mon-Fri Sat Sun *1	Sunrise-0600Z‡ Days 1600-0600Z‡	VFR-IFR	ZHU C
KINGSVILLE 3	8000 *2	Mon-Fri Sun *1	Sunrise-0600Z‡ 1600-0600Z‡	VFR-IFR	ZHU C
KINGSVILLE 4	9000 *2	Mon-Fri Sun *1	Sunrise-0600Z‡ 2000-0600Z‡	VFR-IFR	ZHU C
KINGSVILLE 5	9000 *2	Mon-Fri Sun *1	Sunrise-0600Z‡ 2000-0600Z‡	VFR-IFR	ZHU C
LAUGHLIN 1	9000 *2	Mon-Fri *1	1200-0200Z‡	VFR-IFR	ZHU C
LAUGHLIN 2	7000 *2	Mon-Fri *1	1200-0200Z‡	VFR-IFR	ZHU C
LAUGHLIN 3 HIGH	15000 *2	Mon-Fri *1	1200-0200Z‡	VFR- I FR	ZHU C
LAUGHLIN 3 LOW	7000 To But Not Including 15000	Mon-Fri *1	1200-0200Z‡	VFR-IFR	ZHU C
RANDOLPH 1A	8000 *2	Mon-Fri *1	Days	VFR-IFR	ZHU C
RANDOLPH 1B	7000 *2	Mon-Fri *1	Days	VFR-IFR	SAN A TRA
RANDOLPH 2A	9000 *2	Mon-Fri *1	Days	VFR-IFR	ZHU C
RANDOLPH 2B	14000 *2	Mon-Fri *1	Days	VFR-IFR	ZHU C
TEXON	6000 *2	Mon-Fri *1	Days	VFR-IFR	ZHU C
Warrior 1 High	10000 *2	Mon-Fri *1	1300-0400Z‡	VFR-IFR	ZHU C
WARRIOR 1	100 AGL To But Not	Mon-Fri *1	1300-0400Z‡	VFR-IFR	ZHU C



Example: 12,500 feet

ABCD UNITED STATES GOVERNMENT

1"=23 NM FLIGHT INFORMATION PUBLICATION

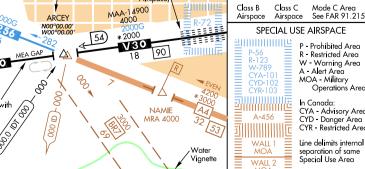
IFR ENRO	DUT	EL	OV	V A	LTI	TUD	E - U.S
For u HORIZONTAL						000' MS I DATUN	
	L	Ε (G	Е	Ν	D	
			AIRPC	RTS			
Facilities in BLUE or GREEN have an app Terminal Procedures Publications or the I published at least in the High Altitude Do RADAR MINIMA.	DoD FLIPs	. Those ir	n BLUE h	ave an Ir	nstrument	Approach P	rocedure and/or I
LAND	name Requ 2. "NO indic VFR 3. Co	lid line bo e indicate irements- SVFR" al ates FAR flight is pr [D] follo ates Class	s FAR 93 see Directory bove the 91 fixed rohibited wing the	Special ctory/Supairport r wing sp airport r	oplement name ecial	are sho name. the sam City na are not	ivate use ited city names for wn above or preci If airport name ar ie, only the airport mes for military ar shown. The airpo ieses follows the ai
	ICAO Loc n outside d	ontiguou:	icator s U.S.		CIT Airport PT) (ICA 280 0*	Name	Part-time or esta NOTAM. See A Directory for tin In Alaska see S
→					(A) ★1 t-time Lighting	09.8 Frequency Capability:	Longest runw nearest 100 as the dividir s indicates so
		(① Pilot (ng availd Controlle ime or o	ıble d Lighting n request	g Atpri	ghting available vate facilities - ind ig information is a

			•	пен		AO Location Indic		Airport N		
ID	PANEL		SEA		shown o	utside contiguous l	J.S.	(APT) (ICA(→ 280 0 ★		
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ORG	В		ΨΨ	Ψ CIVII	!	Eleva	fion /	Down time		\$
XØ4	D					Automatic Term		Part-time	rre	quency
ORL	D					Information Serv	rice	Lighting C	Capa	bility:
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SFB	D					0	Pilot Contr	rolled Lighting or on request	J	At private lighting inf
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FMY	D			NAVAIDS		74007440 0	0/10/101	COMMUN		
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28J	D		LF/MF Data	ata is depici is depicted	ed in BLACK in BROWN		NAME (T)			
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6FL3	D		F	Ma	gnetic North	Underline indic			ı	
LVJ	A		E		NAVAID which y not be	on this frequenc	y. TACAN	I Channels are	e	Freq(s) pos
NPA PNS	C,H		E	J adj	usted to the	without voice b	ut not under	rlined.		box is remo
4ØJ	C,H D,J		KUT I	cha valu	rted isogonic Jes.	"//////. - 7	Crosshatch i	indicates		freq(s) at the
TPF	ر, <i>ر</i>			Smo	aller sizes are		Shutdown st			may deterr
2R4	C,H			use	d in congested	1/////				Ţhin li
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L66	B,E		_			ASOS/AWO	OS 🕒 HIM	vas 🕡 twe	:B	NAME
M13	B,G			UHF Non-c	lirectional	Automated weat				
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SEQ	A		*****			or On- Request ★ 00		O(000.0) =]	and emerg (Canada-1
FL6Ø	D								7	available a

	AIR TRAFFI	C SERVICES	AND AIRSPACE INFO	DRMATION	
	ROUTE	DATA		BC	UNDARIES
VHF/UHF Data is depic LF/MF Data is depicted RNAV Data is depicted	in BROWN	00 00	Changeover Point giving mileage to NAVAIDs (Not shown at midpoint locations)	TOTAL S	Air Route Traffic Co Center (ARTCC)
VO	VOR Airway	00 00		Name 2	ARTCC Remoted Sit with discrete VHF ar UHF frequencies
AO	LF/MF Airway	*0000 *0000	Minimum Obstruction Clearance Altitude (MOCA)	innum I	Flight Information
AO	Uncontro ll ed LF/MF Airway		imum Enroute Altitude (MEA) SS RNAV MEA		Region (FIR)
A0 A0	Oceanic Route	MAA-00000	Maximum Authorized	OAKLAND OC KZAK	
A0 A0	ATS Route		Altitude (MAA) MEA, MOCA and/or	UNLTD FL 55	Ceiling Floor
тооо	Low Altitude RNAV Route		MAA Change at other than NAVAIDs	ACC .	
	GNSS required	RIRIRI	Minimum Reception Altitude	************	Air Defense Identific Zone (ADIZ)
Via/bypassing temporarily shu See NOTAMs or appropriate p specific information.	Substitute Route tdown NAVAIDS. sublications for	A A A	(MRA) Minimum Crossing Altitude (MCA)	12	Off Route Obstr Clearance Altitu (OROCA) Example: 12,500
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Unusable Route Segment	210I	with max restricted airspeed K applies to altitudes above 200' to and including 14000' K applies to all altitudes		International Bound (Not shown when coinci with ARTCC or FIR)
VO	Preferred Single Direction Route		FIXES/ATC	_ + - +	US/Russia Maritime

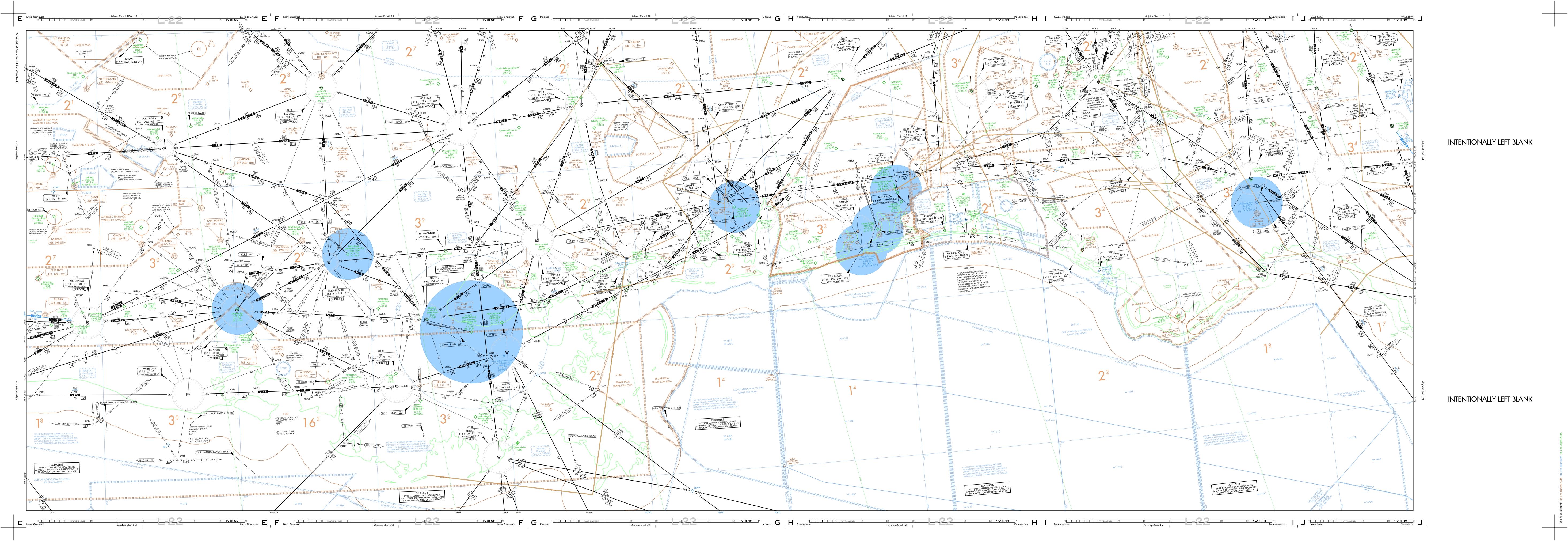
	Direction Route		FIXES/ATC	US/Russia Maritime	ı
	Direction of Flight	REPO	rting requirements	Boundary	ı
→ EVEN	Indicator (Canada only)	▲ ▲ [ix Compulsory and	Area of Enlargement (contains	l
000.0 I DT (Facility Locators used in formation		Non-Compulsory Position Report	only data for through flights) See Area Charts for complete data	l
000 ID	of Reporting Points	\diamond	NAV Waypoint Compulsory and Non-Compulsory Position Report	····· Official Time Zone	l
- 000	Radial outbound from a VHF/UHF NAVAID	≪	Denotes DME Fix (Distance same as route mileage)	••••• International Date Line	
			(Distance same as roble initeage)	AIRSPACE INFORMATION	ı
− 000 −	Bearing inbound to an LF/MF NAVAID	∢100)	Denotes DME Fix and Mileage	Open area (white) indicates controlled airspace (Class E) unless otherwise indicated	l
000 -	Magnetic Reference Bearing, outbound	Δ <u></u>	Offset arrows indicate facility forming a fix (away from VHF/UHF, toward LF/MF	All airspace 14,500' and above is controlled (Class E)	
	from a NAVAID or Fix Total Mileage between		NAVAID)	Shaded area (brown) indicates uncontrolled airspace below 14,500' (Class G)	l
0 000	Compulsory Fixes		Mileage Breakdown or Computer	- In Country Indiana	ı

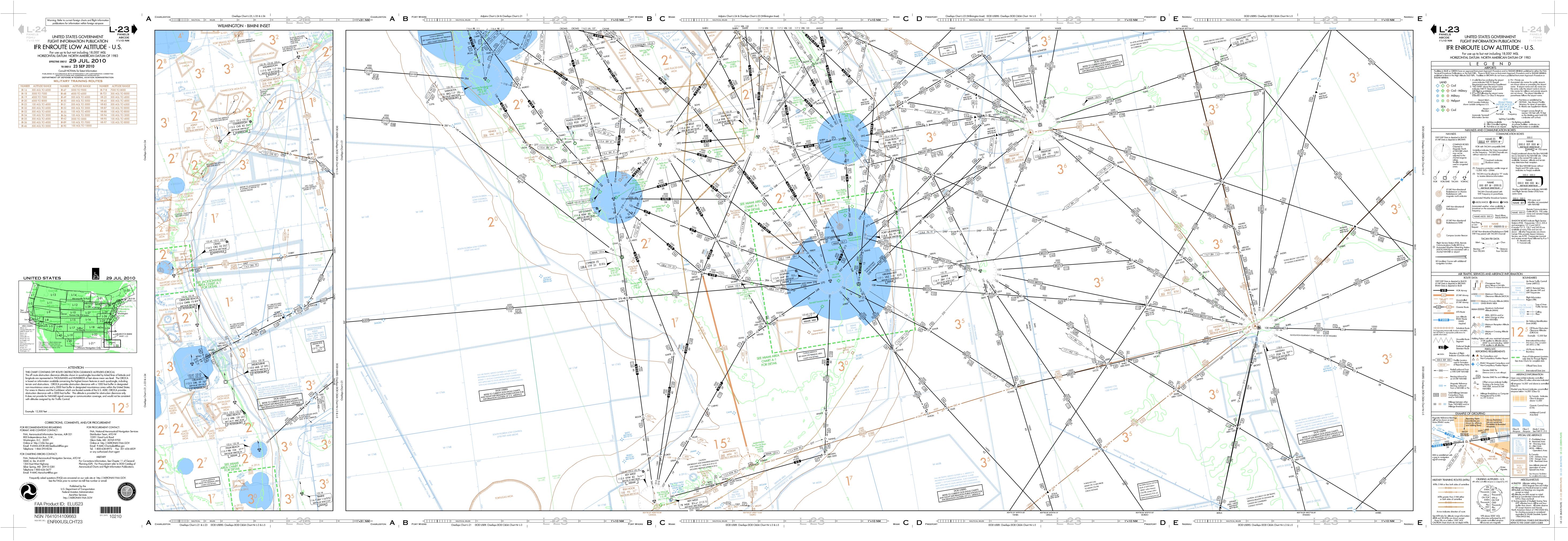
Mileage b Fixes, NA Mileage B	VAIDS a	nd/or							
E	XAMP	LE O	F GI	ROU	PINC	<u> </u>			
c Reference Bearings be shown on joint NAV routes. CEY		(coc	rdina vn for	Points tes are offsho ng fixe	ore es)	Airspace)	enetrates d & Restrict	ted	
5000-	AR	CEY		N	1-AA/	4900 00			
7256	N00° W00	00.00° 00.00°	Г	54)	200 * 20	.)()()	1 = R-7	72	_



	Vignette
TRAINING ROUTES (MTRs)	CRUISING ALTITUDES - U.S. IFR within controlled airspace as assigned by ATC
or less both sides of centerline	
IR-000>	IFR 0°
IK 000 /	EVEN IFR
∨R-000 →	EVEN IFR ODD
	/ VFR or Thousands∖
greater than 5 NM either both sides of centerline	ON TOP VFR or
both sides of centerline	\ EVEN ON TOP
IR-000 →	S∖ Thousands ODD
	Thousands ODD Plus Thousands 500' Plus
VR-000 →	500' Plus

Arrow indicates direction of route





ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV
Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME
Miami ZMA, Minneapolis ZMP, New York ZNY, Ookland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC
P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS
CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS

All altitudes are MSL unless otherwise indicated
Cont
- Continuous: 24 hrs a day, 7 days a week
FL - Flight Level
+ During periods of Daylight Saving Time (DT)
- Effective hours will be one hour earlier than shown.
NOTAM - Use of this term in Restricted Areas indicates FAA And
DoD NOTAM systems. Use of this term in all other

	Sunrise except Canada wh fter sunset to 1/2 hr before		Speci	al Use areas indi	cates the DoD NOTA
			L USE AIRSP	ACE	
NUMBER	EFFECTIVE		TIMES USED, UTC		CONTROLLING AG
NUMBER	ALTITUDE To But Not	DAYS	HOURS	WEATHER VFR-IFR	A/G CALL No A/G
P-50	Including 3000	Cont	Cont		No A/G
R-2901A	To But Not Including 14000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS
R-2901B	14000 *2	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS:
R-2901C	To But Not Including 14000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS
R-2901D	500 To But Not Including 4000 East of W81°21.00' 1000 AGL To But Not Including 4000 West of W81°21.00'	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS:
R-2901E	1000 To But Not Including 4000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS:
R-2901F	4000 To But Not Including 5000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS
R-2901G	To But Not Including 5000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS
R-2901H	1000 To But Not Including 4000	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS
R-2901	1500 To But Not Including 4000	Intermittent Mon-Fri*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS
R-2901M	4000 To But Not Including 14000	Sat-Sun*1 Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS
R-2901N	5000 To But Not Including 14000 North *3 4000 To But Not Including 14000 South *3	Intermittent Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FS\$
R-2903A	To But Not Including 23000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	ZMA CNTR/FS:
R-2903C	To 7000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	JACKSONV I LLE TRACON
R-2903D	To 5000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	JACKSONV I LLE TRACON
R-2904A	To But Not Including 1800	Apr-Aug Cont*1 Sep-Mar	1300-2200Z‡	VFR-IFR	JACKSONV I LLE TRACON
R-2906	To 14000	Sat-Sun*1 Intermittent*1	1300-2200Z‡ 1000-0600Z‡	VFR-IFR	JACKSONV I LLE TRACON
R-2907A	To FL 230	Intermittent*1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS
R-2907B	То 9000	Intermittent*1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS
R-2910	FL 230 To 6000 To 9000	Intermittent*1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS
R-2916	To 14000	Cont	Cont	VFR-IFR	ZMA CNTR/FSS
R-2932	To But Not Including 5000	Cont	Cont	VFR-IFR	ZMA CNTR/FS
R-2933	5000 to UNLTD	Intermittent	By NOTAM	VFR-IFR	ZMA CNTR/FS:
R-2934	UNLTD	Intermittent	By NOTAM	VFR-IFR	ZMA CNTR/FS
R-2935	11000 to UNLTD	Intermittent	By NOTAM	VFR-IFR	ZMA CNTR/FS
R-2936	To 10000	Intermittent	By NOTAM	VFR-IFR	PALM BEACH
R-3004A	To 7000	By NOTAM	By NOTAM	VFR-IFR	ZTL CNTR/FSS
R-3004B	7001 To 16000	By NOTAM	By NOTAM	VFR-IFR	ZTL CNTR/FSS
R-3005A,B,D,E	To 29000	Cont*1	1100-0500Z‡	VFR-IFR	ZJX CNTR/FSS
R-3005C	To 29000	Cont*1	1100-0800Z‡	VFR-IFR	ZJX CNTR/FSS
R-3007A	To But Not Including 13000	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS
R-3007B	1200 AGL To But Not Including 13000	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS
R-3007C	100 AGL To But Not Including 13000	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS
R-3007D	13000 To FL 250	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS
R-3008C	500 AGL To 10000	Mon-Fri*1	1200-0300Z†	VFR-IFR	USAF VALDOSTA AP
R-3008D	10000 To But Not Including FL 230	Mon-Fri*1	1200-0300Z‡	VFR-IFR	USAF VALDOSTA AP
R-5303A	To But Not Including 7000	Mon-Fri*1	1100-2300Z‡	VFR-IFR	CHERRY PT MCA APP CON
R-5303B	7000 To But Not Including 10000	By NOTAM	By NOTAM	VFR-IFR	CHERRY PT MCA APP CON
R-5303C R-5304A	10000*2 To But Not Including 7000	By NOTAM Mon-Fri*1	By NOTAM 1100-2300Z‡	VFR-IFR VFR-IFR	ZDC CNTR/FS CHERRY PT MCA APP CON

		Sat-Sun*1	1300-2300Z‡			
R-2901B	14000 *2	Intermittent Mon-Fri*1	1100-0500Z‡	VFR-IFR	ZMA CNTR/FSS	A,B,C,F
R-2901C	To But Not	Sat-Sun*1 Intermittent	1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS	A,F
K-2701C	Including 14000	Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VIKIIK	ZWA CIVIR/133	А,Г
R-2901D	500 To But Not Including 4000 East of W81°21.00'	Intermittent		VFR-IFR	ZMA CNTR/FSS	A,F
	1000 AGL To But Not	Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡			
	Including 4000 West of W81°21.00′					
R-2901E	1000 To But Not Including 4000	Intermittent Mon-Fri*1	1100-0500Z‡	VFR-IFR	ZMA CNTR/FSS	A,F
R-2901F	4000 To But Not	Sat-Sun*1 Intermittent	1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS	A,B,C
	Including 5000	Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡			. ,,_,_
R-2901G	To But Not Including 5000	Intermittent Mon-Fri*1	1100-0500Z‡	VFR-IFR	ZMA CNTR/FSS	A,C
B 000111	1	Sat-Sun*1	1300-2300Z‡) (ED IED	ZALA CATTO (FCC	4.0
R-2901H	1000 To But Not Including 4000	Intermittent Mon-Fri*1	1100-0500Z‡ 1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS	A,C
R-2901	1500 To But Not	Sat-Sun*1 Intermittent		VFR-IFR	ZMA CNTR/FSS	A,C
	Including 4000	Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡			
R-2901M	4000 To But Not Including 14000	Intermittent Mon-Fri*1	1100-0500Z‡	VFR-IFR	ZMA CNTR/FSS	A,F
R-2901N	5000 To But Not	Sat-Sun*1 Intermittent	1300-2300Z‡	VFR-IFR	ZMA CNTR/FSS	A,F
K-270114	Including 14000 North *3 4000 To But Not Including 14000 South *3	Mon-Fri*1 Sat-Sun*1	1100-0500Z‡ 1300-2300Z‡	VIK-IIK	ZVA CIVIR/100	
D 00004	Including 14000 South *3		1000 200021	\/ED IED	ZALA CNITD/FCC	4.0
R-2903A	To But Not Including 23000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	ZMA CNTR/FSS	A,G
R-2903C	To 7000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	Jacksonv i lle Tracon	A,G
R-2903D	To 5000	Intermittent Tue-Sun*1	1200-2400Z‡	VFR-IFR	JACKSONV I LLE TRACON	A,G
R-2904A	To But Not Including 1800	Apr-Aug Cont*1	1300-2200Z‡	VFR-IFR	JACKSONVILLE TRACON	A,G
	induding 1800	Sep-Mar	1300-2200Z†		IRACON	
R-2906	To 14000	Sat-Sun*1 Intermittent*1	1000-0600Z‡	VFR-IFR	JACKSONVILLE	
R-2907A	To FL 230	Intermittent*1	1000-0600Z‡	VFR-IFR	TRACON ZJX CNTR/FSS	A,G A,G
R-2907B	To 9000	Intermittent*1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS	A,G
R-2910	FL 230 To 6000 To 9000	Intermittent*1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS	A,F,G
R-2916	To 14000	Cont	Cont	VFR-IFR VFR-IFR	ZMA CNTR/FSS	С
R-2932	To But Not Including 5000	Cont	Cont		ZMA CNTR/FSS	A,F
R-2933 R-2934	5000 to UNLTD UNLTD	Intermittent	By NOTAM	VFR-IFR VFR-IFR	ZMA CNTR/FSS ZMA CNTR/FSS	A,F
R-2934 R-2935	11000 to UNLTD	Intermittent	By NOTAM By NOTAM	VFR-IFR VFR-IFR	ZMA CNTR/FSS ZMA CNTR/FSS	A,F A,F
R-2936	To 10000	Intermittent	By NOTAM	VFR-IFR	PALM BEACH ATCT	A,C
R-3004A	To 7000	By NOTAM	By NOTAM	VFR-IFR	ZTL CNTR/FSS	ı
R-3004B	7001 To 16000	By NOTAM	By NOTAM	VFR-IFR	ZTL CNTR/FSS	1
R-3005A,B,D,E R-3005C	To 29000 To 29000	Cont*1	1100-0500Z‡ 1100-0800Z‡	VFR-IFR VFR-IFR	ZJX CNTR/FSS ZJX CNTR/FSS	A,H
R-3007A	To But Not	Mon-Fri	1200-0300Z‡	VFR-IFR VFR-IFR	ZJX CNTR/FSS	A,H A,H
R-3007B	Including 13000 1200 AGL To But	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS	A,H
	Not Including 13000		· ·			A,H
R-3007C	100 AGL To But Not Including 13000	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS	
R-3007D	13000 To FL 250	Mon-Fri	1200-0300Z‡	VFR-IFR	ZJX CNTR/FSS	A,H
R-3008C R-3008D	500 AGL To 10000 10000 To But Not	Mon-Fri*1 Mon-Fri*1	1200-0300Z‡ 1200-0300Z‡	VFR-IFR VFR-IFR	USAF VALDOSTA APP CON USAF VALDOSTA APP CON	G,H G,H
	Including FL 230					
R-5303A	To But Not Including 7000	Mon-Fri*1	1100-2300Z‡	VFR-IFR	CHERRY PT MCAS APP CON	Α
R-5303B	7000 To But Not Including 10000	Ву NОТАМ	By NOTAM	VFR-IFR	CHERRY PT MCAS APP CON	Α
R-5303C	10000*2	By NOTAM	By NOTAM	VFR-IFR	ZDC CNTR/FSS	Α
R-5304A	To But Not Including 7000	Mon-Fri*1	1100-2300Z‡	VFR-IFR	CHERRY PT MCAS APP CON	Α
R-5304B	7000 To But Not Including 10000	Ву NОТАМ	By NOTAM	VFR-IFR	CHERRY PT MCAS APP CON	Α
R-5304C	10000*2	By NOTAM	By NOTAM	VFR-IFR	ZDC CNTR/FSS	Α
R-5306C	1200*2	Cont	Cont	VFR-IFR	CHERRY PT MCAS APP CON	Α
R-5306D	*2	Cont	Cont	VFR-IFR	CHERRY PT MCAS APP CON	А
R-5306E	*2	Cont	Cont	VFR-IFR	CHERRY PT MCAS	A
R-5311A	To But Not	Cont	Cont	VFR-IFR	APP CON ZDC CNTR/FSS	A
	Including 7000				·	
R-5311B	7000 To But Not Including 12000	Cont	Cont	VFR-IFR	ZDC CNTR/FSS	A
R-5311C	1 2000 To But Not Including FL 290	Cont	Cont	VFR-IFR	ZDC CNTR/FSS	Α
R-6001A	To 3200	Intermittent	1130-0500Z‡	VFR-IFR	ZJX CNTR/FSS	A,I
R-6001B R-6002A	3200 To FL 230	Intermittent	1130-0500Z‡	VFR-IFR VFR-IFR	ZJX CNTR/FSS ZJX CNTR/FSS	A,I A,I
R-6002A	To But Not Including 13000	Mon-Fri *1 Sat*1	1100-0500Z‡ 1300-2100Z‡	VFK-IFK	ZJA CNIK/F55	^,•
R-6002B	13000 To But Not	Intermittent Mon-Fri *1		VFR-IFR	ZJX CNTR/FSS	A,I
	Including FL 180	Mon-Fri *1 Sat*1	1100-0500Z‡ 1300-2100Z‡			
A-291A	To 2500	Days	1100-0500Z‡	VFR	No A/G	A,C
A-291B A-291C	To 3900 To 2500	Days Days	1100-0500Z‡ 1100-0500Z‡	VFR VFR	No A/G No A/G	A,C
A-291C A-291D	To 3900	Days Days	1100-0500Z‡	VFR	No A/G No A/G	A,C A,C
A-531	200 AGL To 1500	Mon-Fri	Intermittent	VFR-IFR	No A/G	A
		Sat-Sun	1100-0500Z‡ By NOTAM			
W-74	To 10000	Intermittent	By NOTAM	VFR-IFR	ZJX CNTR/FSS	A,H,I
14/ 100		4 4 50	B 110			A
W-122	UNLTD	Intermittent	By NOTAM	VFR-IFR VFD-IFD	ZDX CNTR/FSS	
W-132A	UNLTD UNLTD	Intermittent	By NOTAM	VFR-IFR	ZJX CNTR/FSS	A,H,I
	UNLTD					
W-132A W-132B W-133 W-134	UNLTD UNLTD To FL 240 To 4500 4500 To UNLTD	Intermittent Intermittent Intermittent Intermittent	By NOTAM By NOTAM By NOTAM By NOTAM	VFR-IFR VFR-IFR VFR-IFR VFR-IFR	ZJX CNTR/FSS ZJX CNTR/FSS ZJX CNTR/FSS ZJX CNTR/FSS	A,H,I A A,H,I
W-132A W-132B W-133	UNLTD UNLTD To FL 240 To 4500	Intermittent Intermittent Intermittent	By NOTAM By NOTAM By NOTAM	VFR-IFR VFR-IFR VFR-IFR	ZJX CNTR/FSS ZJX CNTR/FSS ZJX CNTR/FSS	A,H,I A A,H,I

(MY)D-3002	To 500	By NOTAM	By NOTAM	VFR-IFR	NASSAU ACC	П
(MY)D-3003A	UNLTD	By NOTAM	By NOTAM	VFR-IFR	NASSAU ACC	T
(MY)D-3003B	UNLTD	By NOTAM	By NOTAM	VFR-IFR	NASSAU ACC	t
(MY)D-3003C	UNLTD	By NOTAM	By NOTAM	VFR-IFR	NASSAU ACC	t
(MY)D-3004	To 3000	By NOTAM	By NOTAM	VFR-IFR	NASSAU ACC	t
(MY)P-3002	To 1000	Cont	Cont	VFR-IFR	NASSAU ACC	t
	EFFECTIVE	MILITARY OF	PERATIONS A	REAS	CONTROLLING AGENCY	_
NIII ADED	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	ı
AVON EAST		Mon-Fri *1	Intermittent Days	VFR-IFR	ZMA CNTR/FSS	╀
	500 AGL To But Not Including 14000 14000 *2		,			1
AVON EAST HIGH		Intermittent Mon-Fri *1	Days *1	VFR-IFR	ZMA CNTR/FSS	ļ
BASINGER	500 AGL To 5000	Mon-Fri Sat-Sun	Intermittent Days By NOTAM	∨FR- I FR	ZMA CNTR/FSS	l
BEAUFORT 1	100 AGL To 10000	Intermittent 2 Days Per Month By NOTAM	4 Dalgt Hrs Per Day	VFR-IFR	ZJX CNTR/FSS	
BEAUFORT 2	100 AGL To 7000	Intermittent 2 Days Per Month By NOTAM	4 Dalgt Hrs Per Day	VFR-IFR	ZJX CNTR/FSS	
BEAUFORT 3	100 AGL To 2000	Intermittent 2 Days Per Month By NOTAM	4 Dalgt Hrs Per Day	VFR-IFR	ZJX CNTR/FSS	
BULLDOG A	500 AGL To But Not Including 10000	Intermittent *1	1200-0500Z‡	VFR-IFR	ZTL CNTR/FSS	I
BULLDOG B	10000 *2	Intermittent *1	1200-0500Z‡	VFR-IFR	ZTL CNTR/FSS	Ι
BULLDOG D	500 AGL To 17000	Intermittent Mon-Fri In Conjunction With	1300-2300Z‡ R-3004	VFR-IFR	ZTL CNTR/FSS	Ī
COASTAL 1 EAST, 1 WEST, 2, 5	300 AGL *2	Intermittent Mon-Fri Sat-Sun	1200-0300Z‡ 1200-0300Z‡ By NOTAM	VFR-IFR	ZJX CNTR/FSS	Ī
COASTAL 4	14000 *2	Intermittent Mon-Fri Sat-Sun	1200-0300Z‡ 1200-0300Z‡ By NOTAM	VFR-IFR	ZJX CNTR/FSS	Ī
COASTAL 6, 7	10001 *2	Intermittent Mon-Fri Sat-Sun	1200-0300Z‡ 1200-0300Z‡ By NOTAM	VFR-IFR	ZJX CNTR/FSS	I
COASTAL 8	11000 *2	Intermittent Mon-Fri Sat-Sun	1200-0300Z‡ 1200-0300Z‡ By NOTAM	VFR-IFR	ZJX CNTR/FSS	
FORT BRAGG SOUTH A	500 AGL To 6000	Mon-Fri Sat-Sun	Intermittent 1200-0500Z‡ By NOTAM	VFR-IFR	FAYETTEVILLE ACTC TOWER	I
FORT BRAGG SOUTH B	1500 AGL To 6000	Mon-Fri Sat-Sun	Intermittent 1 200-0500Z‡ By NOTAM	VFR-IFR	FAYETTEVILLE ACTC TOWER	I
FORT STEWART B1	500 AGL To 4999	Intermittent Mon-Fri *1	1100-0300Z‡	VFR-IFR	ZJX CNTR/FSS	ſ
FORT STEWART B2	5000 To 10000	By NOTAM	By NOTAM	VFR-IFR	ZJX CNTR/FSS	Ī

FORT STEWART C1	500 AGL To 2999	Intermittent Mon-Fri *1	1100-0300Z‡	VFR-IFR	ZJX CNTR/FSS	A,I
FORT STEWART C2	3000 To 10000	By NOTAM	By NOTAM	VFR-IFR	ZJX CNTR/FSS	A,I
GAMECOCK A	7000 *2	Intermittent Mon-Fri *1	1130-0330Z‡	VFR-IFR	ZDC CNTR/FSS	Α,
GAMECOCK B	10000 *2	Intermittent *1	1300-0500Z‡	VFR-IFR	ZJX CNTR/FSS	Α,
GAMECOCK C	100 AGL To 10000	Intermittent *1	1300-0500Z‡	VFR-IFR	ZJX CNTR/FSS	Α,
GAMECOCK D	10000 *2	Intermittent *1	1300-0500Z‡	VFR-IFR	ZJX CNTR/FSS	Α,
GAMECOCK I	100 AGL To 6000	Intermittent *1	1300-0500Z‡	VFR-IFR	ZJX CNTR/FSS	Α,
HATTERAS F	3000 To But Not Including 13000	Mon-Fri *1	1200-0300Z‡	VFR-IFR	ZDC CNTR/FSS	Α
LAKE PLAC I D EAST,WEST, NORTH	7000 *2	Intermittent Mon-Fri *1	Days *1	VFR-IFR	ZMA CNTR/FSS	A,B,0
LIVE OAK	8000 *2	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	G
MARIAN	500 AGL To 5000	Intermittent Mon-Fri *1	Days *1	VFR-IFR	ZMA CNTR/FSS	A,C
MAYPORT HIGH	3000 *2	Intermittent	2300-0300Z‡	VFR-IFR	ZJX CNTR/FSS	Α,0
MAYPORT LOW	500 To But Not Including 3000	Intermittent	1300-0300Z‡	VFR-IFR	ZJX APP CON	Α,0
MOODY 1	8000 *2	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	G,I
MOODY 2 NORTH	500 To But Not Including 8000	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	G,I
MOODY 2 SOUTH	500 To But Not Including 8000	Mon-Fri *1	1100-0700Z‡	VFR-IFR	ZJX CNTR/FSS	G
Palatka 1	3000 AGL *2	Intermittent *1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS	A,F,
Palatka 2	3000 AGL *2	Intermittent *1	1000-0600Z‡	VFR-IFR	ZJX CNTR/FSS	Α,0
POINSETT	300 AGL To 2500	Mon-Fri *1 Sat *1	1100-0500Z‡ 1300-2100Z‡	VFR-IFR	USAF SHAW APP CON	Α,
TORTUGAS	5000*2	Intermittent*1	1300-0500Z‡	VFR-IFR	ZMA CNTR/FSS	В

AIRPORT LOCATIONS

NAME	ID	PANEL	NAME	ID	PANEL	NAME	II
Aiken Muni	AlK	1	Herlong	HEG	G	Orlando Sanford Intl	SF
Airglades	2IS	С	Hernando Co	BKV	F	Ormond Beach Muni	O٨
Albert Whitted	SPG	F	Hester Mem	ØA2	1	Page Fld	F٨
Allendale Co	88J	1	Hidden Lake Pvt	FA4Ø	F	Pageland	PY
Arcadia Muni	XØ6	В	Hilton Head	HXD	Н	Palatka Muni-Lt Kay	2
Arthur Dunn Air Park	X21	F	Homerville	HOE	Н	Palm Beach Co Glade	
Augusta Rgnl	AGS	i	Homestead ARB	HST	c	Palm Beach Co Park	LN
Avon Park Exec	AVO	F	Homestead General	X51	c	Palm Beach Intl	P
Bacon Co	AMG	H	Hondarosa Pvt	SC42	ij	Patrick AFB	CC
Bamberg Co	99N	- ii - l	Hunter AAF	SVN	H	Payson Ranch Pvt	6F
Barnwell Rgnl	BNL	i	Immokalee Rgnl	IMM	C	Peter O Knight	TF
Bartow Muni	BOW	F	Inverness	X4Ø	F	Pilot Country	X
Bartram Farms Pvt	FL46	G	Jaars-Townsend	N52	<u>'</u>	Pine Shadows Arpk	94
Baxley Muni	BHC	Н	Jacksonville Intl	JAX	G	Placid Lakes Pvt	Ø9
Beaufort Co	ARW	H	Jacksonville NAS	NIP	G		PC
	NBC			Ø9J	Н	Plant City	
Beaufort MCAS			Jekyll Island			Plantation Arpk	
Belle Glade State	X1Ø	C	Jesup-Wayne Co	JES	Н	Pompano Beach Arpl	
Berkeley Co	MKS		Jim Hamilton L B Owe			Reynolds Arpk Pvt	FL
Big Cypress Airfield	59FD	С	Jumbolair-Greystone I			Ridge Landing Pvt	4F
Boca Raton	BCT	С	Kendall-Tamiami Exec		С	Ridgewood Air Pvt	25
Brady Ranch Pvt	8ØFD	С	Key West Intl	EYW	С	River Ranch Resort	2F
Brantley Co	4J1	Н	Key West NAS/Boca		С	Robert F Swinnie	PH
Brunswick Golden Isle		Н	Keystone Arpk	42J	G	Saluda Co	6.
Buckingham Fld Pvt	FL59	В	Kissimmee Gateway	ISM	F	Santee Cooper Rgnl	M
Burke Co	BXG	- 1	La Belle Muni	X14	С	Sarasota/Bradenton	SR
Cannon Creek Arpk	15FL	G	Lake City Muni	LCQ	G	Savannah/Hilton	SA
Cape Canaveral AFS	XMR	F	Lake City Muni CJ	51J	1	Sebastian Muni	X2
Cecil Fld	VQQ	G	Lake Wales Muni	XØ7	F	Sebring Rgnl	SI
Chandelle Pvt	SC72	J	Lake X Pvt	<i>57</i> FA	F	Shaw AFB	SS
Charleston AFB/Intl	CHS	1	Lakeland Linder Rgnl	LAL	F	Southwest Florida Intl	RS
Charleston Exec	JZI		Lancaster Co	LKR	J	Space Coast Rgn	TI
Charlotte Co	PGD	В	Laurens Co	LUX	J	Spartanburg	SF
Cheraw Muni/Lynch	CQW	J	Lee Co - Butters Fld	52J	J	Spruce Creek Pvt	7F
Chester Catawba Rgn	DCM	J	Leesburg Intl	LEE	F	St Augustine	SC
Claxton-Evans Co	CWV	Н	Lexington Co	6JØ	1	St George	6.
Clearwater Air Park	CLW	F	Louisville Muni	2J3		St Lucie Co Intl	FF
Columbia Metro	CAE	T.	Lowcountry Rgnl	RBW		St Marys	4.
Conway-Horry Co	HYW	1	Lumberton Muni	LBT	J	St Petersburg	P
Coral Creek Pvt	FA54	В	Mac Dill AFB	MCF	F	Statesboro-Bulloch Co	o TE
Craig Muni	CRG	G	MacDill AFB Aux Fld	AGR	F	Summerland Key Cov	
Crooked Fence Farm	3SC4	J	Malcolm Mc Kinnon	SSI	Н	Summerville	D
Cross City	CTY	Ğ	Marco Island	MKY	В	Sumter	S۸
Crystal River	CGC	F	Marion Co	MAO	J	Suwannee Co	2
Dade-Collier	TNT	Ċ	Marlboro Co Jetport	BBP	١	Swinton Smith Fld	R\
Daniel Fld	DNL	ī	Massey Ranch Arpk	X5Ø	F	Tampa Exec	
Darlington Co Jetport	UDG	j	Mayport NS	NRB	Ġ	Tampa Intl	TP
David Wine's Airstrip		F	Mc Cormick Co	S19	ī	Tampa North	X
	DAB	G		MMT	<u> </u>	Telfair-Wheeler	
Daytona Beach Intl		_	Mc Entire JNGB		-		MC
Deep Forest Pvt	FD48	G	Melbourne Intl	MLB	-	The Florida Keys	M
Deland Muni-Sidney	DED	F	Melrose Landing Pvt	FD22	G	Thomson-McDuffie Co	
Dept of Corrections	FLØ3	G	Merritt Island	COI	F	Treutlen Co	4.
Dillon Co	DLC	J	Metter Muni	MHP	Н	Twin City	5.
Donaldson Center	GYH	J	Miami Intl	MIA	C	Twin Lakes	S1
Douglas Muni	DQH	Н	Millen	2J5	1	Union Co, Troy Shelto	
Dunnellon/Marion Co		F	Mt Pleasant Rgnl	LRO		Valkaria	X.
Eagle Neck Pvt	1GAØ		Myrtle Beach Intl	MYR	1	Venice Muni	17
Emanuel Co	SBO	Н	Naples Muni	APF	В	Vero Beach Muni	VI
Evans Properties Inc	FL67	С	NASA Shuttle Landing		F	Vidalia Rgnl	٧
Fairfield Co	FDW	J	Nassau Pvt	83FL	G	Wauchula Muni	CH
Fernandina Beach	FHB	G	New Smyrna Beach	EVB	F	Waycross-Ware Co	A)
Flagler Co	XFL	G	Newberry Co	EOE	J	White Farms Pvt	FA
Florence Rgnl	FLO	J	North AF Aux	XNO	1.	White Plains Pvt	SC
Fort Lauderdale Exec	FXE	С	North Palm Beach Co		С	Whitehouse NOLF	NE
Fort Lauderdale	FLL	c	North Perry	HWO	c	William P Gwinn Pvt	Ø6
Cainas illa Baral	CNIV		O-d- I-d E- T-d-	OCE	-	\A(: : D	

FLORENCE Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

***TAMPA** Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

TAMPA Chart Leas Ton | Savannah Overlaps Chart L-23 (Wilmington-Bimini Inset) DOD USERS: Overlaps DOD C&SA Chart Nr L-3 |

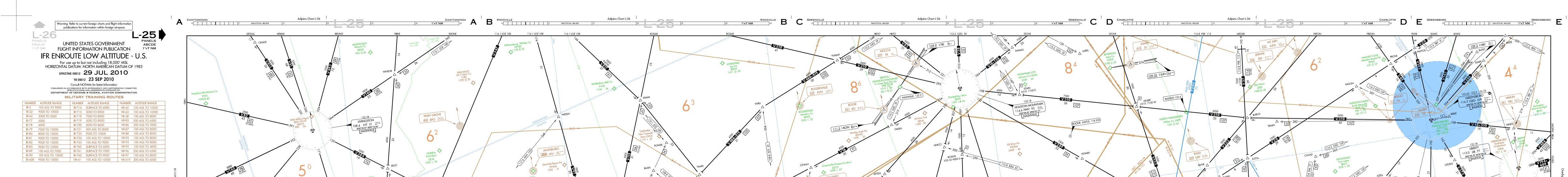
TAMPA Chart Leas Ton | Savannah Over

Adjoins Chart L-22 & Overlaps Chart L-21

Adjoins Chart L-18 & L-22

Adjoin

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UNITED STATES

— ATTENTION ———— THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA). The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designated non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADIZ, OROCA provides obstruction clearance with a 3000 foot buffer. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

Example: 12,500 feet

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT FOR PROCUREMENT CONTACT: FORMAT AND CONTENT CONTACT: FAA, Aeronautical Information Services, AJR-321 800 Independence Ave., S.W., Washington, D.C. 20591 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov Distribution Team, ATO-W 10201 Good Luck Road Glenn Dale, MD 20769-9700 Online at http://AERONAV.FAA.GOV Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829 Telephone 1-866-295-8236

or any authorized chart agent FOR CHARTING ERRORS CONTACT: FAA, National Aeronautical Navigation Services, ATO-W SSMC-4, Sta. # 4259 1305 East-West Highway Silver Spring, MD 20910-3281 Telephone 1-800-626-3677 Email 9-AMC-Aerochart@faa.gov For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV. See the FAQs prior to contact via toll free number or email.

U.S. Department of Transportation Federal Aviation Administration AeroNav Services
http://AERONAV.FAA.GOV FAA Product ID: ELUS25

NGA REF. NO. ENRXXUSLCHT25



TAWBA

332 HK ::: A CHATTANOOGA B CHARLOTTE CHARLOTE CHAR

ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS

All altitudes are MSL unless otherwise indicated
FL - Flight Level
Time - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means 1/2 hr before sunrise to 1/2 hr before sunrise

Nights - Sunset to Sunrise except Canada where it means 1/2 hr before sunrise to 1/2 hr before sunrise

Cont - Continuous: 24 hrs a day, 7 days a week

+ During periods of Daylight Saving Time (DT)
effective hours will be one hour earlier than shown.

NOTAM - Use of this term in Restricted Areas indicates FAA And the Pop NotaM system.

Don NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
A-531	200 AGL To 1500	Intmt Mon-Fri Sat-Sun	1100-0500Z‡ By NOTAM	VFR-IFR	No A/G	E
A-685	To 700 AGL	Intermittent	Sunrise To Sunset	VFR-IFR	No A/G	В
R-3403A	To 43000	Cont	1130-0500Z‡	VFR-IFR	ZID CNTR/FSS	F
R-3403B	1200 AGL To FL 180	Cont	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS	F
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
NII IMARED	EFFECTIVE AUTITUDE	DAYS	TIMES USED, UTC	WEATHER	CONTROLLING AGENCY	PANIE
BRUSH CREEK	100 AGL To But Not Including 5000	Mon-Sat	1300-0300Z‡	VFR-IFR	ZID CNTR/FSS	G,H
BUCKEYE	5000 To FL 180	Mon-Fri Sat-Sun *1	1300-0300Z‡ 1300-2100Z‡	VFR-IFR	ZID CNTR/FSS	G,H
EVERS	1000 AGL *2	Cont By NOTAM	Days	VFR-IFR	ZDC CNTR/FSS	J
FARMVILLE	300 AGL To 5000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	K
GAMECOCK I	100 AGL To 6000	Intermittent *1	1300-0500Z‡	VFR-IFR	ZJX CNTR/FSS	D
JPG A	500 AGL To But Not Including 6000 *3	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS	F
JPG B,C	6000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS	F

SPECIAL USE AIRSPACE

	2 to bot thormasang te to	50							
				AIRPORT LOC	ATI	ONS			
	NAME	ID	PANEL	NAME	ID	PANEL	NAME	ID	PAN
Q	Alexander Salamon	AMT	G	Hartsville Rgnl	HVS	Е	Oconee Co Rgn	CEU	С
<u>è</u>	Anderson Rgnl	AND	С	Hawkins Co	RVN	С	Ona Arpk	12V	Н
Overlaps Chart L-36	Anson Co	AFP	Е	Heaven's Landing Pvt	GE99	В	Pageland	PYG	D
Ŷ.	Ashe Co	GEV	D	Hendersonville	ØA7	С	Paintsville	9KY9	Н
₽	Asheboro Rgnl	HBI	Е	Hensley Arpk Pvt	Ø4TN	С	Person Co	TDF	K
<u>-3</u>	Asheville Rgnl	AVL	С	Hickory Rgnl	HKY	D	Pickens Co	LQK	С
6	Ashland Rgnl	DWU	Н	Hogue Pvt	TN85	Α	Piedmont Triad Intl	GSO	Е
	Avery Co/Morrison	7A8	С	Ingalls Fld	HSP	J	Pike Co-Hatcher Fld	PBX	Н
	Big Sandy Rgnl	K22	Н	Jaars-Townsend	N52	D	Piney Creek Pvt	NT88	Α
	Blairsville	DZJ	В	Jackson Co	1A7	Α	Propst Pvt	NC19	D
	Blue Grass	LEX	G	Jackson Co	24A	В	Raleigh Co Mem	BKW	ı
	Blue Ridge	MTV	J	Jamestown Muni	2A1	Α	Richmond Co	RCZ	Е
	Blue Ridge Skyport	57GA		Johnson City	ØA4	С	Richwood Muni	314	ı
	Bridgewater Air Park	VBW	J	Johnson Co	6A4	С	Roanoke Rgnl	ROA	J
	Brookneal/Campbell	ØV4	K	Julian Carroll	JKL	Н	Rock Hill/York Co	UZA	D
	Brown Co	GEO	G	Kee Fld	116	- 1	Rockingham Co	SIF	J
	Burlington-Alamance	BUY	E	Knoxville Downtown	DKX	В	Rockwood Muni	RKW	Α
	Campbell Co	JAU	В	Lake Cumberland Rgn		G	Rowan Co	RUQ	D
	Capital City	FFT	G	Lake Norman Arpk	14A	D	Russell Co	K24	G
	Causey	2A5	E	Lancaster Co	LKR	D	Rutherford Co	FQD	С
	Chandelle Pvt	SC72	С	Landing at River's Edg			Samuels Fld	BRY	F
	Charlotte/Douglas Int		D	Laurens Co	LUX	С	Scott Muni	SCX	A
	Charlotte-Monroe Exe			Lawrence Co Arpk	HTW	Н	Shelby-Cleveland Co	EHO	D
	Charlottesville	CHO	K	Lebanon-Springfield	6 2	F	Shenandoah Va ll ey	SHD	K
	Cheraw Muni/Lynch	CQW		Lee Co	ØVG	В	Siler City Muni	5W8	Е
	Chester Catawba Rgn		D	Lee Co-Butters Fld	52J	E	Smith Mountain Lake	W91	J
	Cincinnati/Northern	CVG	G	Liberty-Casey Co	153	G	Smith Reynolds	INT	D
	Collegedale Muni	FGU	Α	Lincolnton-Lincoln Co	IPJ	D	Smithville Muni	ØA3	Α
	Concord Rgnl	JQF	D	Little Mountain Pvt	6NC1	D	Southeast Greensboro		Е
	Crooked Fence Farm	3SC4		Livingston Muni	8A3	Α	Spartanburg	SPA	С
	Crossville Mem	CSV	Α	Logan Co	6L4	- 1	Stanly Co	VUJ	E
	Cynthiana-Harrison C		G	London-Corbin Arpt	LOZ	G	Stanton	150	G
	Dale Hollow Rgnl	5KY7	Α	Lonesome Pine	LNP	Н	Statesville Rgnl	SVH	D
	Dallas Bay Sky Park	1AØ	Α	Lovell Fld	CHA	Α	Stevenson	7A6	Α
	Dalton Muni	DNN		Lucas Fld Pvt	79KY	G	Stuart Powell Fld	DVK	G
	Danville Rgnl	DAN	J	Lynchburg Rgnl	LYH	J	Summersville	SXL	
	Darlington Co Jetport		E	Macon Co	1A5	В	Taylor Co	AAS	F
	Davidson Co	EXX	D	Madison	139	G	Tazewell Co	JFZ	
	Deerfield Resort Pvt	TN44		Madison Muni	IMS	F	Toccoa RG Letourneau		В
	Donaldson Center	GYH	С	Marion Co-Brown Fld	APT	Α	Tompkinsville-Monroe		A
	Elizabethton Muni	ØA9	С	Mark Anton	2AØ	Α	Tri-Cities Rgnl TN/VA		С
	Elk River Pvt	NCØ6		Marlboro Co Jetport	BBP	Е	Tri-State/Milton J	HTS	Н
	Elkin Muni	ZEF	D	Martin Campbell Fld	1A3	В	Twin Co	HLX	
	Fairfield Co	FDW	D	Mc Creary Co	181	Α	Twin Lakes	8A7	D
	Falwell	W24	K	Mc Ghee Tyson	TYS	В	Union Co, Troy Shelto		D
	Fleming-Mason	FGX	G	McMinn Co	MMI	Α .	Upper Cumberland	SRB	<u> </u>
	Foothills Rgnl	MRN	С	Meadow Brook Fld	N63	D	Virginia Highlands	VJI	!
	Franklin Co	UOS	A	Mercer Co	BLF		Virginia Tech	BCB	J
	Gallia-Meias Ran	GAS	н	Middlesboro-Bell Co	146	B	Warren Co Mem	RNC	Α

NSN 7641014109666



F SPRINGFIELD SPRINGFIELD SPRINGFIELD F GENERATION Adjoins Chart L-29 & Overlaps Chart L L-25
PANELS
UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION

1"=7 NM

L-26
PANELS
FGHIJK
1"=7 NM IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 NUTTR 277 (116.6 RNL) 110.35 I-LWB 连H Automated Weather Broadcast Systems: Automated weather products systems:

Oncomparison of the products of the product 111.7 I-MQU #=-- A POMYK MACET A ILS Localizer Course with additional navigation function AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION
ROUTE DATA BOUNDARIES | Samuels Fla | BRBON (BRY) | So of | 106 | So of | 109.6 FTK 33 | SBEAM | 108.2 MYS JACKSON Julian Carroll (JKL) 1381 () 44 FIXES/ATC REPORTING REQUIREMENTS Direction of Flight Indicator (Canada only)

Area of Enlargement (contains only data for through flights)

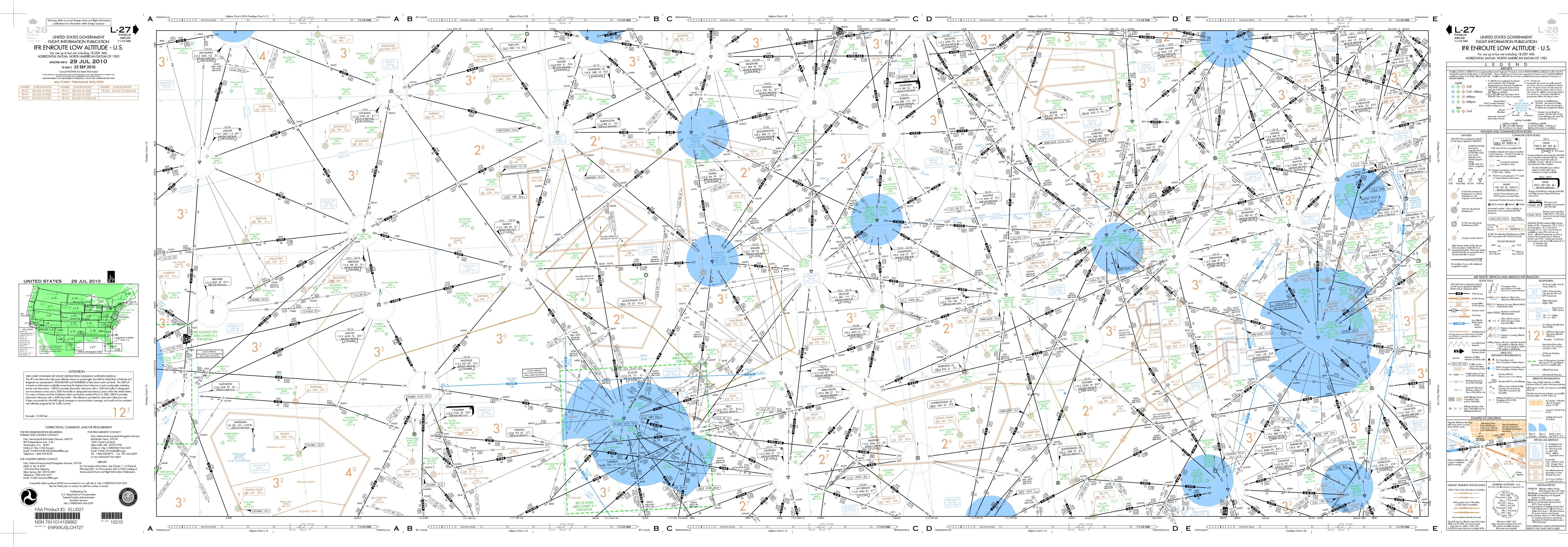
See Area Charts for complete data LOUISVILLE 122.3 O00.0 IDT 000

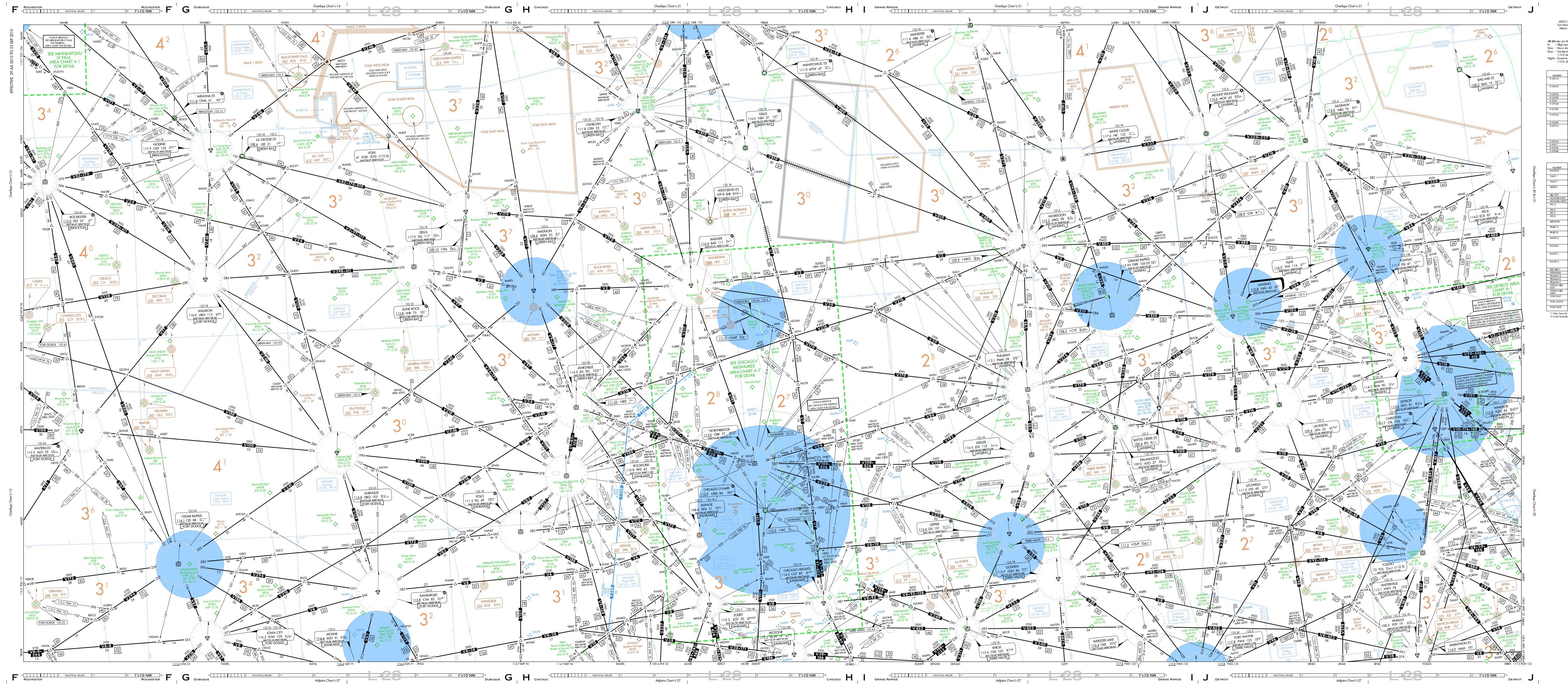
Facility Locators used in formation of Reporting Points

Fix Compulsory and Non-Compulsory and Non-Compulsory and Non-Compulsory Position Report

RNAV Waypoint Compulsory and Non-Compulsory Position Report Official Time Zone Bearing inbound to an LF/MF NAVAID

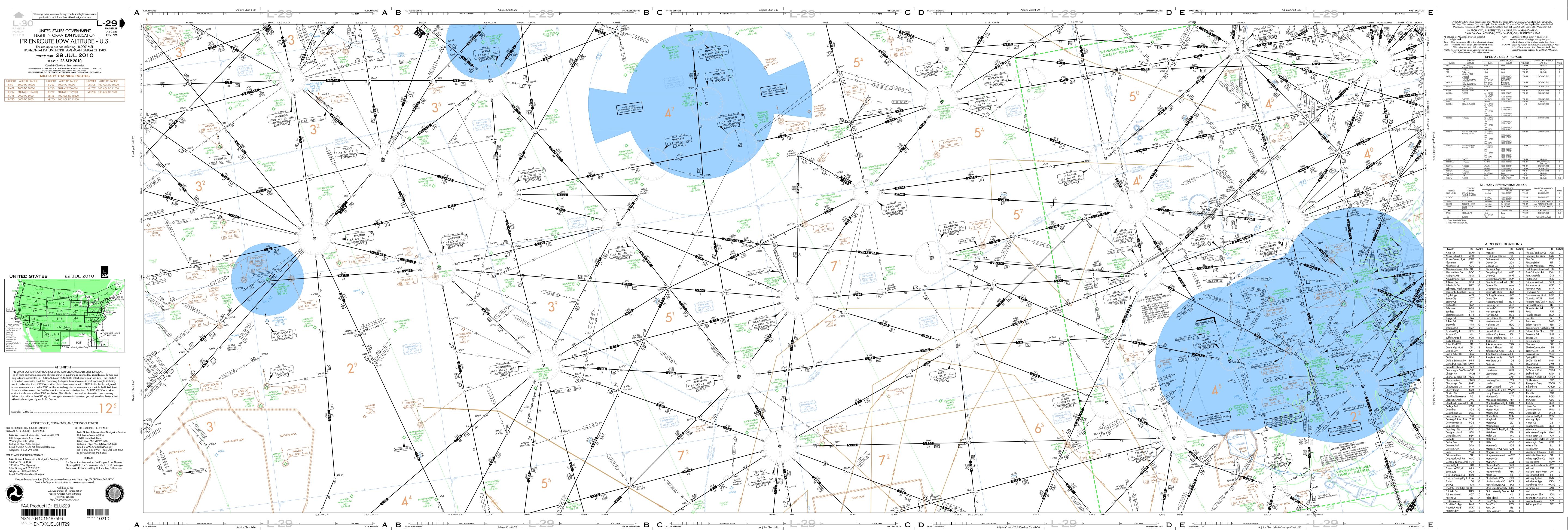
Denotes DME Fix and Mileage Open area (white) indicates controlled airspace (Class E) unless otherwise indicate MTRs 5 NM or less both sides of centerline MTRs greater than 5 NM either or both sides of centerline VR-000 → Arrow indicates direction of route Visit does of 3000 ACI, described and the state of the control of





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	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGE
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL
BUCKEYE	5000 *2	Mon-Fri Sat-Sun *1	1300-0300Z‡ 1300-2100Z‡	VFR-IFR	ZID CNTR/FSS
FALLS 1	500 AGL *2	Intermittent Tue-Sat *1	By NOTAM 1400-2200Z‡	VFR-IFR	ZMP CNTR/FSS
FALLS 2	500 AGL *2	Intermittent Tue-Sat *1	By NOTAM 1400-2200Z‡	VFR-IFR	ZMP CNTR/FSS
HERSEY	5000 *2	Tue-Fri *1	1400-1600Z‡ 1800-2000Z‡ 2300-0300Z‡	VFR-IFR	ZMP CNTR/FSS
HILL TOP	10000 *2	Tue-Sat *1	1300-2400Z‡	VFR-IFR	ZAU CNTR/FSS
HOWARD EAST	9000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZKC CNTR/FSS
HOWARD WEST	10000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZKC CNTR/FSS
JPG A	500 AGL To But Not Including 6000 *3	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS
JPG B	6000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS
JPG C	6000 *2	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS
JPG D	500 AGL To But Not Including 4000	Cont *1	1300-0400Z‡	VFR-IFR	ZID CNTR/FSS
MINNOW	10000 *2	Intermittent By NOTAM	Normally Days	VFR-IFR	ZMP CNTR/FSS
PRU I TT A	500 AGL To 6000	Cont *1	1500-1800Z ‡ 1900-2200Z‡	VFR-IFR	ZKC CNTR/FSS
PRUITT B	500 AGL To 3000	Cont *1	1500-1800Z‡ 1900-2200Z‡	VFR-IFR	ZKC CNTR/FSS
RACER A	500 AGL To But Not Including 4000	5/1-9/30 10/1-4/30 Tue-Sat *1	1200-0300Z‡ 1300-0300Z‡	VFR- I FR	ZID CNTR/FSS
RACER B	4000 To 8000	5/1-9/30 10/1-4/30 Tue-Sat *1	1200-0300Z‡ 1300-0300Z‡	VFR-IFR	ZID CNTR/FSS
RACER C	500 AGL *2	5/1-9/30 10/1-4/30 Tue-Sat *1	1200-0300Z‡ 1300-0300Z‡	VFR-IFR	ZID CNTR/FSS
RACER D	14000 *2	5/1-9/30 10/1-4/30 Tue-Sat *1	1200-0300Z‡ 1300-0300Z‡	VFR-IFR	ZID CNTR/FSS
RED HILLS	6000 *2	Cont	1300-0300Z‡	VFR-IFR	ZID CNTR/FSS
STEELHEAD	6000 *2	Mon-Sat *1	1200-2300Z‡	VFR-IFR	ZMP CNTR/FSS
TRUMAN A	8000 *2	Cont *1	1200-0600Z‡	VFR-IFR	ZKC CNTR/FSS
TRUMAN B	8000 *2	Cont *1	1200-0600Z‡	VFR-IFR	ZKC CNTR/FSS
TRUMAN C	500 AGL *2	Cont *1	1200-0600Z‡	VFR-IFR	ZKC CNTR/FSS
TWELVE MILE EAST	500 AGL To But Not Including 10000	Mon-Sat *1	1400Z‡-30 Min After Sunset	VFR-IFR	ZAU CNTR/FSS
TWELVE MILE WEST	500 AGL To But Not Including 6000	Mon-Sat *1	1400Z‡-30 Min After Sunset	VFR-IFR	ZAU CNTR/FSS
VOLK EAST	8000 *2	Intermittent Tue-Sat *1	By NOTAM 1400-2200Z‡	VFR-IFR	ZMP CNTR/FSS



NGA REF. NO. ENRXXUSLCHT29

ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS

All altitudes are MSL unless otherwise indicated

FL - Flight Level
Time - Hours shown are UTC unless otherwise indicated
Days - Sunrise to Sunset except Canada where it means
1/2 hr before sunrise to 1/2 hr after sunset

Nights - Sunset to Sunrise except Canada where it means
1/2 hr after sunset to 1/2 hr before sunrise

1/2 hr after sunset to 1/2 hr before sunrise

	EFFECTIVE		TIMES USED, UTC	ı	CONTROLLING AGENCY	1
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
P-40	To But Not Including 5000	Cont	Cont	VFR-IFR	No A/G	E
P-56	To 18000	Cont	Cont	VFR-IFR	No A/G	E
P-73	To But Not Including 1500	Cont	Cont	VFR-IFR	No A/G	Е
R-4001A	Unlimited To 10000 Higher By NOTAM	Cont Cont By NOTAM	1200-0500Z‡ 0500-1200Z‡ By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4001B	To 10000 Higher By NOTAM	Intermittent By NOTAM	Intermittent By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4007	To But Not Including 5000	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-4009	5000 To 12500	Cont	Cont	VFR-IFR	ZDC CNTR/FSS	E
R-5502A	То 5000	4/1-11/30 12/1-3/31 Tue-Thu*1	1300-2200Z‡ 1300-2200Z‡	VFR-IFR	ZOB CNTR/FSS	F
. FF00D	To 23000	Tue-Thu*1	1300-2200Z‡	VED IED	ZOB CNTR/FSS	F
R-5502B R-5801	To 4000	Mon-Fri	1300-2200Z†	VFR-IFR VFR-IFR	No A/G	D
R-5802A	200 AGL To 5000	2/15-5/10	1300-210027	VFR-IFR VFR	ZNY CNTR/FSS	1
		9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡			
R-5802B	То 13000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR	ZNY CNTR/FSS	J
R-5802C	500 AGL To But Not Including 17000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR-IFR	ZNY CNTR/FSS	J
R-5802D	17000 To But Not Including FL 220	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR-IFR	ZNY CNTR/FSS	J
R-5803	To 4000	Mon-Fri	1300-2100Z‡	VFR-IFR	No A/G	D
R-6608A-C	To 10000	Cont *1	1000-0500Z‡	VFR-IFR	FAA, POTOMAC TRACON	E
R-6611A	To 40000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-6612	To 7000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-6613A	To 40000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	E
CYA 513	To 11500	By NOTAM	Days	VFR	No A/G	Н
CYA 526	To 6000	Ocs	Days By NOTAM	VFR	No A/G	Н

	EFFECTIVE		TIMES USED, UTC		CONTROLLING AGENCY	
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL	PANE
BRUSH CREEK	100 AGL To But Not Including 5000	Mon-Sat	1300-0300Z‡	VFR-IFR	ZID CNTR/FSS	Α
BUCKEYE	5000 *2	Mon-Fri Sat-Sun*1	1300-0300Z‡ 1300-2100Z‡	VFR-IFR	ZID CNTR/FSS	Α
DEMO 1	500 TO 5000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	E
DEMO 2	10000 TO 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	Е
DEMO 3	Above 5000 To 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	Е
DUKE	8000 *2	Cont*1	1500-2000Z‡	VFR-IFR	ZOB CNTR/FSS	1, 1
EVERS	1000 AGL *2	Cont By NOTAM	Days	VFR-IFR	ZDC CNTR/FSS	C,D
HILL	To 3000	Cont	Days	VFR-IFR	FAA POTOMAC APP	E

AIRPORT LOCATIONS

NAME	ID	PANEL	NAME	ID	PANEL	NAME	ID	PAN
Airlie Pvt	2VA9	Е	Freeway	WØØ	Е	Philippi/Barbour Co	79D	С
Akron Fulton Intl	AKR	G	Front Royal-Warren	FRR	D	Pickaway Co Mem	CYO	Α
Akron-Canton Rgnl	CAK	В	Galion Muni	GQQ	Α	Pike Co	EOP	A
Alderman	2P7	В	Garrett Co	2G4	С	Pittsburgh Intl	PIT	С
Allegheny Co	AGC	С	Geauga Co	7G8	G	Pocono Mountains	MPO	K
Allentown Queen City		K	Germack Arpt	7D9	Ğ	Port Bucyrus-Crawford		A
Altoona-Blair Co	AOO	D	Gettysburg Rgnl	WØ5	E	Port Columbus Intl	CMH	A
Andrews AFB	ADW	E	Grant Co	W99	D	Port Meadville	GKJ	$\frac{}{H}$
Arnold Palmer Rgnl	LBE	С	Greater Binghamton	BGM	J	Portage Co	29G	G
Ashland Co	3G4	Α	Greater Cumberland	CBE	D	Potomac Airfield	VKX	E
Ashtabula Co	HZY	G	Greene Co	WAY	С	Potomac Arpk	W35	
Baltimore/Washingtor		E	Greensburg Jeannette	5G8	С	Pottstown Muni	N47	K
Barnesville-Bradfield	6G5	В	Greenville Muni	4G1	Н	Powhatan Pvt	VA57	Е
Bay Bridge	W29	Е	Griffing Sandusky	SKY	F	Punxsutawney Muni	N35	ı
Beach City	2D7	В	Grove City	29D	н	Quantico MCAF	NYG	E
Beaver Co	BVI	С	Hagerstown Rgnl	HGR	D	Reading Rgnl/Carl A	RDG	K
Bedford Co	HMZ	D	Hamburg Inc	4G2	Н	Richard Downing	140	E
	N96				E		LCK	
Bellefonte		-!-	Harford Co	ØW3		Rickenbacker Intl		
Bendigo	74N	J	Harrisburg Intl	MDT	Е	Rock	9G1	
Bloomsburg Muni	N13	J	Harrison Co	8G6	В	Ronald Reagan	DCA	E
Boggs Fld	USW	В	Harry Clever Fld	PHD	В	Ross Co	RZT	7
Bolton Fld	TZR	Α	Hazleton Muni	HZL	К	Rostraver	FWQ	
Braceville	41N	G	Highland Co	HOC	A	Salem Arpk Inc	38D	
Bradford Co	N27	J	Holmes Co	1ØG	В	Sarnia/Chris Hadfield		Ť
Bradford Rgnl	BFD	i	Hornell Muni	4G6	I	Schuylkill Co /Joe	ZER	
Braxton Co	481	С	Indiana Co/Jimmy	IDI	С	Seamans Fld	9N3	k
Buffalo Airfield	9GØ	- 1	Ithaca Tompkins Rgnl	ITH	J	Seneca Co	16G	
Burke Lakefront	BKL	G	Jackson Co	I18	В	Seven Springs	7SP	(
Butler Co/K W	BTP	С	Jake Arner Mem	22N	K	Shannon	EZF	Е
Cambridge Muni	CDI	В	James A Rhodes	I43	Α	Shelby Community	12G	
Capital City	CXY	E	Jefferson Co Arpk	2G2	В	Sidney Muni	N23	k
Carl R Keller Fld	PCW	F	John Murtha Johnstow		D	Somerset Co	2G9	
	N94						70N	
Carlisle		E	Joseph A Hardy	VVS	С	Spring Hill		<u> </u>
Carlisle Barracks Pvt	N95	Е	Kent State Univ	1G3	G	St Clair Co Intl	PHN	F
Carroll Co Rgnl/Jack		E	Knox Co	413	Α	St Marys Co	2W6	E
Carroll Co-Tolson	TSO	В	Lancaster	LNS	Е	St Marys Muni	OYM	- 1
Cattaraugus Co-Olear	n OLE		Lansdowne	Ø4G	Н	St Thomas Muni	CYQS	C
	47OH	F	Leamington	CLM2	F	Stafford Rgnl	RMN	E
Charles G Kalko Pvt	7PA3	К	Lee	ANP	Е	Stoltzfus Airfield Pvt	OH22	Е
	CNZ3	G	Leesburg Exec	JYO	Ē	Stottle Mem	Ø2P	
Chautauqua Co	DKK	Н	London	CYXU	G	Thompson Drag	73OH	
Chautauqua Co	JHW	Н	Lorain Co Rgnl	LPR	G	Tillsonburg	CNQ4	
Cherry Ridge	N3Ø	K		WV23		Tipton	FME	E
Clarion Co	AXQ	Н	Luray Caverns	W45	D	Titusville	6G1	H
Clearfield-Lawrence	FIG		Madison Co	UYF	Α	Transportation	9015	A
Clearview Arpk	2W2	Е	Manassas Rgnl/Harry	HEF	Е	Tri-Cities	CZG	J
Cleveland-Hopkins Int		G	Mansfield Lahm Ranl	MFD	Α	Tri-City	3G6	E
College Park	CGS	Ē	Marine City	76G	F	Union Co	MRT	
Columbia	4G8	G	Marion Muni	MNN		University Park	UNV	
Columbiana Co	Ø2G	В	Marshall Co	MPG	A B	Upperville Pvt	2VG2	I
Concord Arpk	2G1	G	Martin State	MTN	E	Upshur Co Rgnl	W22	
Corning-Painted Post	7N1	J	Maryland	2W5	Е	Venango Rgn	FKL	H
Corry-Lawrence	8G2	Н	Mason Co	312	В	Vinton Co	22	
Culpeper Rgnl	CJR	Е	Medina Muni	1G5	G	Wadsworth Muni	3G3	E
Cuyahoga Co	CGF	G	Mid-Ohio Valley Rgnl	PKB	В	Wakeman	164	F
Dahlgren Naval	NDY	E	Mid-State	PSB	ī	Warrenton-Fauquier	HWY	E
Dansville Muni	DSV	ī	Mifflin Co	RVL	j	Washington Co	AFJ	
Danville	8N8	' ;	Mifflintown	P34	J	Washington Dulles Int		
Darby Dan	6 6	A	Miller	4G3	G	Washington Exec	W32	
Davison AAF	DAA	Е	Monroe Co	4G5	В	Wayne Co	BJJ	- 1
Dawson AAF	3G5	С	Montgomery Co Arpk		Е	Weide AHP	EDG	
Deck	9D4	J	Morgan Co	I71	В	Wellsboro Johnston	N38	
Delaware Muni	DLZ	Α		MGW	С	Wellsville Muni Arpt	ELZ	
Dogwood Arpk Pvt	VA42	E	Morrow Co	419	Ā	Wheeling Ohio Co	HLG	-
							WBW	
Donegal Springs Arpk		E	Muir AAF	MUI	J	Wilkes-Barre		
Dubois Rgnl	DUJ		Nemacolin Pvt	PA88	С	Wilkes-Barre/Scranto		ŀ
Eastern WV Rgn	MRB	D	New Castle Muni	UCP	Н	Willard	8G1	1
Ebensburg	9G8	D	Newark-Heath	VTA	Α	William T Piper Mem	LHV	_
Elkins-Randolph Co	EKN	С	Noble Co	I1Ø	В	Williamsport Rgnl	IPT	J
				01/0	С	Willoughby Lost	LNN	
Elmira/Comina kani	FLW	J	North Central WV	CKB	C 1			(
Elmira/Corning Rgnl	ELM 1G1							
Elyria Erie Co	1G1	G	North Central WV Northumberland Co	N79	J	Winchester Rgnl Windwood Fly-In	OKV WV62	[

L-29 UNITED STATES GOVERNMENT FGHIJK
FLIGHT INFORMATION PUBLICATION 1"=7 NM IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 LEGEND

AIRPORTS

Facilities in BLUE or GREEN have an approved Instrument Approach Procedure and/or RADAR MINIMA published in either the FAA Terminal Procedures Publications or the DoD FLIPs. Those in BLUE have an Instrument Approach Procedure and/or RADAR MINIMA published at least in the High Altitude DoD FLIPs. Facilities in BROWN do not have a published Instrument Approach Procedure or RADAR MINIMA. values.

Smaller sizes are used in congested areas.

(T) Frequency protection usable range at 12,000′ AGL - 25NM

(T) Frequency protection usable range at 12,000′ AGL - 25NM

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(T) Frequency protection usable range at 12,000′ AGL - 25NM

(T) Frequency protection usable range at 12,000′ AGL - 25NM

(T) Frequency in parenthesis.

Automated Weather Broadcast Systems:

(A) ASOS/AWOS

(B) HWAS

(B) TWEB

Automated Weather Broadcast Systems:

(D) ASOS/AWOS

(B) HWAS

(B) TWEB

Automated Weather Broadcast Systems:

(D) ASOS/AWOS

(D AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION

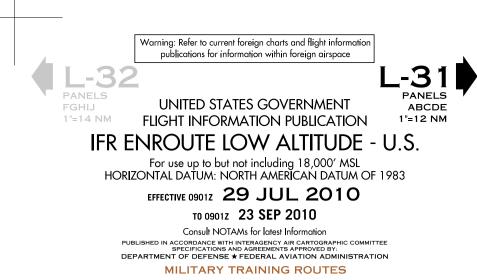
ROUTE DATA

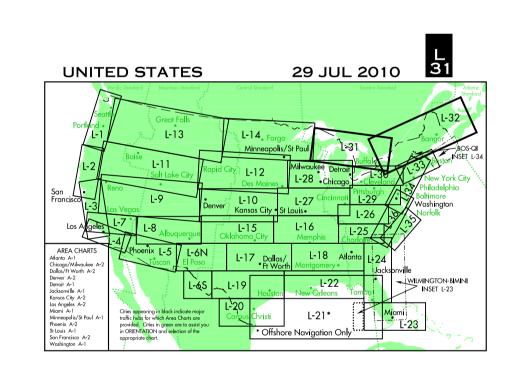
VHF/UHF Data is depicted in BLACK
LF/MF Data is depicted in BROWN
RNAV Data is depicted in BULE

NOR Airwin

VOR
PORT HURON PORT HURON FOR ## 150 MB 108 MB 23 18 MB 25 1

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— ATTENTION —— THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA). The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designated non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADIZ, OROCA provides obstruction clearance with a 3000 foot buffer. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

Example: 12,500 feet

FORMAT AND CONTENT CONTACT: FAA, National Aeronautical Navigation Service Distribution Team, ATO-W FAA, Aeronautical Information Services, AJR-321 800 Independence Ave., S.W., Washington, D.C. 20591 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov Online at http://AERONAV.FAA.GOV Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829 Telephone 1-866-295-8236 or any authorized chart agent FOR CHARTING ERRORS CONTACT:

For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of 1305 East-West Highway Silver Spring, MD 20910-3281 Telephone 1-800-626-3677 Email 9-AMC-Aerochart@faa.gov Aeronautical Charts and Flight Information Publications.

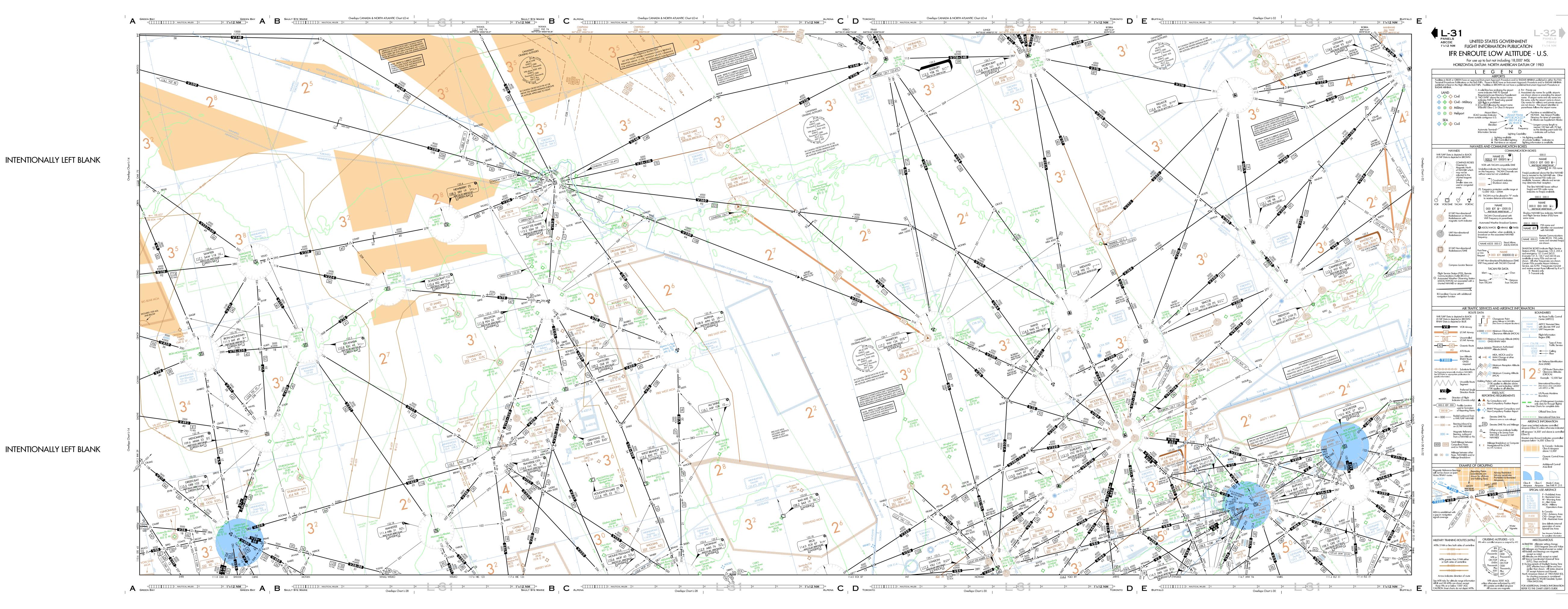
Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV.

See the FAQs prior to contact via toll free number or email.

FAA Product ID: ELUS31

NSN 7641015487600 NGA REF. NO. ENRXXUSLCHT31





Example: 12,500 feet

ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC

ROCHESTER Overlaps CANADA & NORTH ATLANTIC Chart LO-7

ROCHESTER OVER CANADA & NORTH ATLANTIC Chart LO-7

ROCHESTER OVER CANADA & NORTH ATLANTIC Chart LO-7

ROCHESTER OVER CANA

F ROCHESTER F G ALBANY Overlaps Chart L-33 | Overlaps Chart L-34 | Overlaps Chart L-35 | Overlaps Chart L-36 |

A LLENTOWN A LLENTOWN A SPRINGFIELD C Moverlaps CANADA & NORTH ATLANTIC Chart LO-10

NEW YORK B C 10 1 1 1 7 NM 50 NAUTICAL MILES 10 NAUTI

NSN 7641015487601

NGA REF. NO. ENRXXUSLCHT33

ARTCC three letter idents: Albuquerque ZAB, Atlanta ZTL, Boston ZBW, Chicago ZAU, Cleveland ZOB, Denver ZDV Fort Worth ZFW, Houston ZHU, Indianapolis ZID, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Memphis ZME Miami ZMA, Minneapolis ZMP, New York ZNY, Oakland ZOA, Salt Lake City ZLC, Seattle ZSE, Washington ZDC P - PROHIBITED, R - RESTRICTED, A - ALERT, W - WARNING AREAS CANADA: CYA - ADVISORY, CYD - DANGER, CYR - RESTRICTED AREAS All altitudes are MSL unless otherwise indicated - Flight Level ne - Hours shown are UTC unless otherwise indicated

PANELS
ABCD
UNITED STATES GOVERNMENT
1"=7 NM
FLIGHT INFORMATION PUBLICATION IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

AIRPORTS

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shed at least in the High Altitude DoD FLIPs. Facilities in BROWN do not have a published Instrument Approach Procedure or
ADMINIMA

Direction of Flight Indicator (Canada only)

000.0 IDT 000 Facility Locators

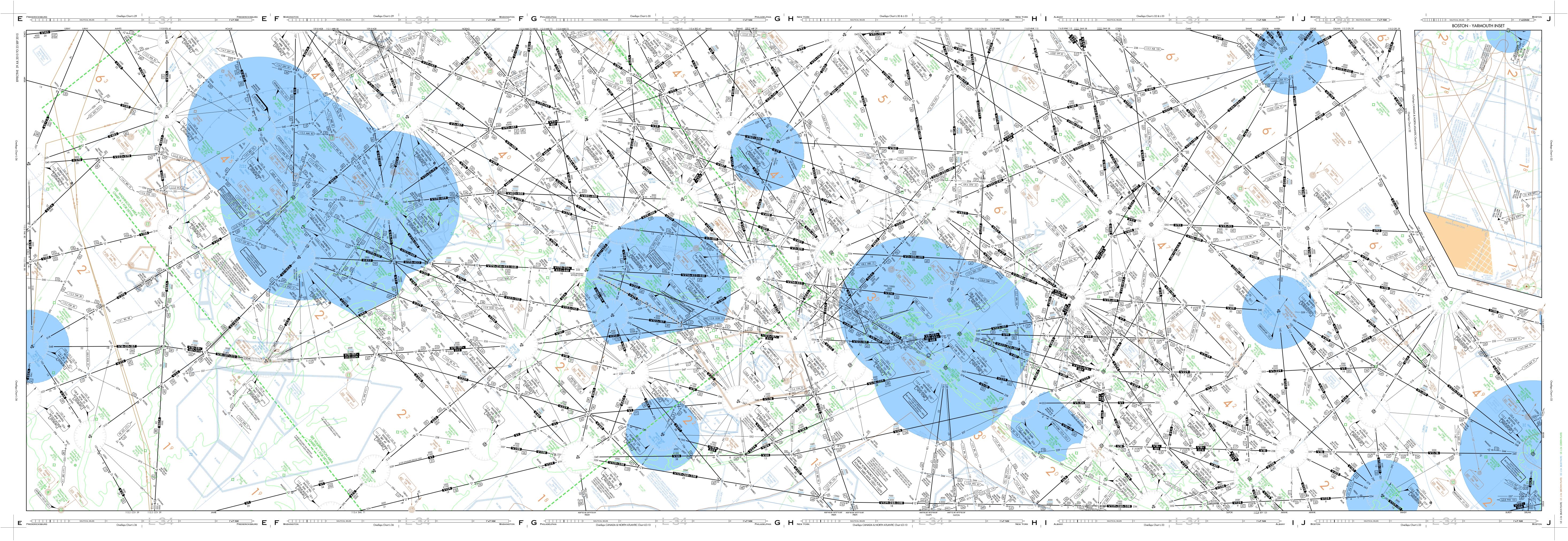
Direction of Flight Indicator (Canada only)

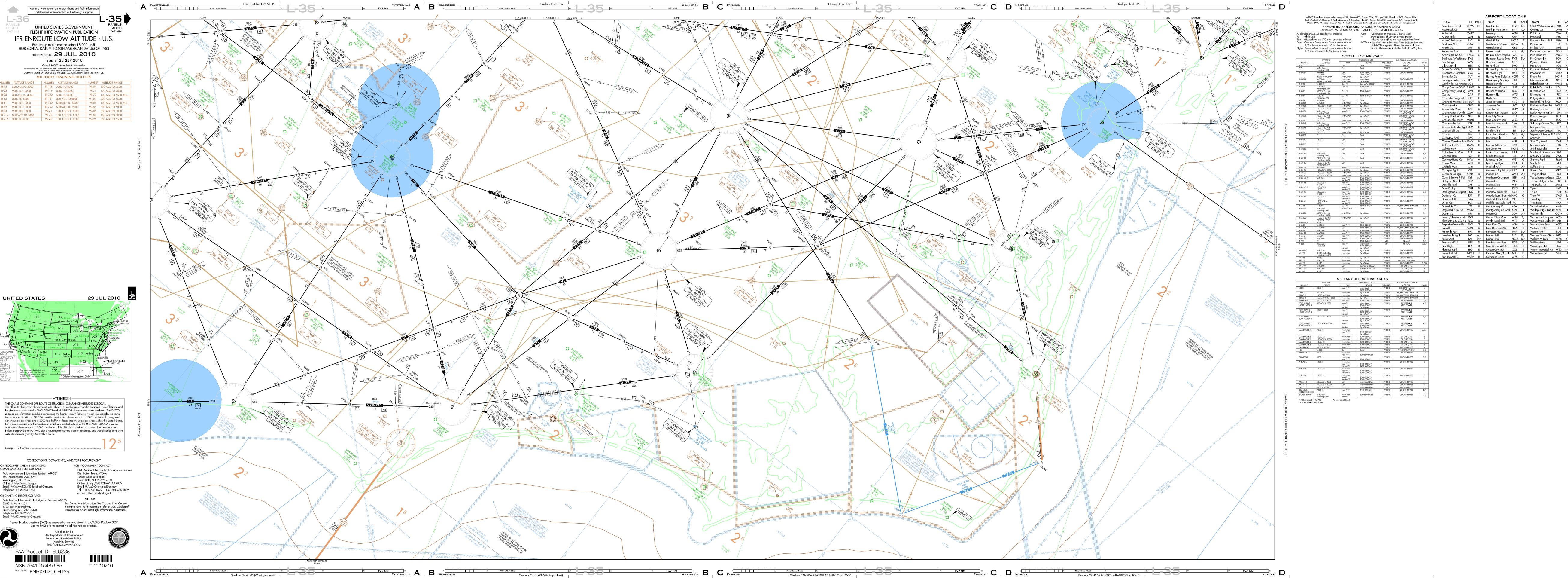
A Fix Compulsory and Non-Compulsory Position Report

→ 000 — Radial outbound from a VHF/UHF NAVAID ← Denotes DME Fix (Distance same as route mileage)

MTRs 5 NM or less both sides of centerline VR-000 → IR-000 → VR-000 →

Arrow indicates direction of route See MTR tabs for altitude range information All IR and VR MTRs are shown except those VRs at or below 1500' AGL





UNITED STATES GOVERNMENT

EFFECTIVE 0901Z 29 JUL 2010

TO 0901Z 23 SEP 2010 Consult NOTAMs for latest Information

MILITARY TRAINING ROUTES

Example: 12,500 feet

FORMAT AND CONTENT CONTACT:

800 Independence Ave., S.W., Washington, D.C. 20591

Telephone 1-866-295-8236

FOR CHARTING ERRORS CONTACT:

1305 East-West Highway Silver Spring, MD 20910-3281 Telephone 1-800-626-3677 Email 9-AMC-Aerochart@faa.gov

FAA, Aeronautical Information Services, AJR-321

Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov

FAA Product ID: ELUS35

NSN 7641015487585

NGA REF. NO. ENRXXUSLCHT35

PANELS
ABCD
UNITED STATES GOVERNMENT
1"=7 NM
FLIGHT INFORMATION PUBLICATION IFR ENROUTE LOW ALTITUDE - U.S. For use up to but not including 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

s	OAJ	В	Gastonia Muni	AKH	Е	Pageland	PYG	E
kinson	BKT	Н	Goldhill Pvt	NC25	Е	Patuxent River NAS	NHK	ı
FB	ADW	ı	Goldsboro-Wayne	GWW	B,F	Person Co	TDF	G
	AFP	Е	Grand Strand	CRE	Α	Phillips AAF	APG	J
Rgnl	HBI	F	Grays Creek	2GC	A,F	Piedmont Triad Intl	GSO	F
MCOLF	12NC	C	Halifax-Northampton	ı IXA	C,G	Pine Island Pvt	7NC2	D
Washingto	n BWI	I	Hampton Roads Exec	: PVG	D,H	Pitt-Greenville	PGV	C
	W29	I	Hanover Co Muni	OFP	Н	Plymouth Muni	PMZ	С
<u> </u>	HSE	С	Harford Co	ØW3	J	Pope AFB	POB	A,F
MCALF	MLM	В	Harnett Rgn Jetport	HRJ	B,F	Potomac Airfield	VKX	ı
Campbell	ØV4	G	Hartsville Rgnl	HVS	Е	Powhatan Pvt	VA57	ı
Co	SUT	Α	Harvey Point Defense	NCØ1	С	Propst Pvt	NC19	Е
Alamance	BUY	F	Hemingway-Stuckey	38J	Е	Quantico MCAF	NYG	ı
-Dorcheste	r CGE		Henderson Fld	ACZ	В	Raleigh East Pvt	9NCØ	B,F
s MCOLF	14NC	В	Henderson-Oxford	HNZ	G	Raleigh-Durham Intl	RDU	F
y Landing	W94	Н	Horace Williams	IGX	F	Richmond Co	RCZ	A,E
	2A5	F	Hummel Fld	W75	T	Richmond Intl	RIC	Ĥ
Douglas Int	CLT	Е	Hyde Co	7W6	С	Ridgely Arpk	RJD	J
Nonroe Exe	ec EQY	Е	Jaars-Townsend	N52	Е	Rock Hill/York Co	UZA	Е
e	CHO	Н	Johnston Co	JNX	B,F	Rocking A Farm Pvt	NC86	A,F
Muni	CXE	G	Josephs Pvt	DE49	j	Rockingham Co	SIF	F
ıni/Lynch	CQW	A,E	Kinston Rgn Jetport	ISO	В	Rocky Mount-Wilson	RWI	B,G
nt MCAS	NKT	В	Lake City Muni	51J	Е	Ronald Reagan	DCA	i
e Ranch	MD5Ø	1	Lake Country Rgnl	W63	G	Rowan Co	RUQ	E
e Rgnl	CPK	D	Lake Norman Arpk	14A	Е	Salisbury-Ocean City	SBY	1
tawba Rgn		Е	Lancaster Co	LKR	E	Sampson Co	CTZ	B,F
Co	FCI	H	Langley AFB	LFI	D,H	Sanford-Lee Co Rgnl	TTA	F
	D74	J	Laurinburg-Maxton	MEB	A,E	Seymour Johnson AFE		B,F
Arpk	2W2	J	Lawrenceville	LVL	Ğ	Shannon	EZF	
rolina Ran		В	Lee	ANP	T	Siler City Muni	5W8	F
d Pvt	ØVA5	Н	Lee Co-Butters Fld	52J	E	Simmons AAF	FBG	A,F
·k	CGS	i	Lee Creek Pvt	NC12	C	Smith Reynolds	INT	F.
Co Muni	CPC	Ā	Louisa Co/Freeman	LKU	H	Southeast Greensbord		F
anl	JQF	E	Lumberton Muni	LBT	A,E	St Mary's Co Ranl	2W6	-i-
orry Co	HYW	Ā	Lunenburg Co	W31	G	Stafford Rgnl	RMN	i
ii	W81	H	Lynchburg Rgnl	LYH	G	Stanly Co	VUJ	Ė
Jni	W41	ï	Mackall AAF	HFF	A,F	Suffolk Exec	SFQ	D,H
gnl	CJR	i	Manassas Rgnl/Harr			Sussex Co	GED	J
o Rgnl	ONX	D	Marion Co	MAO	A,E	Tangier Island	TGI	
wn Jr Fld	EYF	A,F	Marlboro Co Jetport	BBP	A,E	Tappahannock-Essex	XSA	- i -
laval	NDY	A,r	Martin Co	MCZ	C	Tarboro-Edgecombe	ETC	C,G
l	DANI		Mariin Co	MCZ	<u> </u>	The Desire Date	FNICE	<u> </u>

L E G E N D

AIRPORTS

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VFR flight is prohibited

VFR flight is prohibited

Try Automated Weather Broadcast Systems:

Automated Weather Broadcast Systems:

NAME IDT

WHAME IDT

WHAME IDT

WHAME IDT

> ILS Localizer Course with additional navigation function *0000 *0000 Minimum Obstruction
> *0000 Clearance Altitude (MOCA)

Direction of Flight Indicator (Canada only)

O00.0 IDT 000 Facility Locators used in formation used in formation of Reporting Points RNAV Waypoint Compulsory and Non-Compulsory Position Report Radial outbound from a VHF/UHF NAVAID

Denotes DME Fix
(Distance same as route mileage)

Bearing inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage
Open area (white) indicates controlled airspace (Class E) unless otherwise indic

MILITARY TRAINING ROUTES (MTRs)

CRUISING ALTITUDES - U.

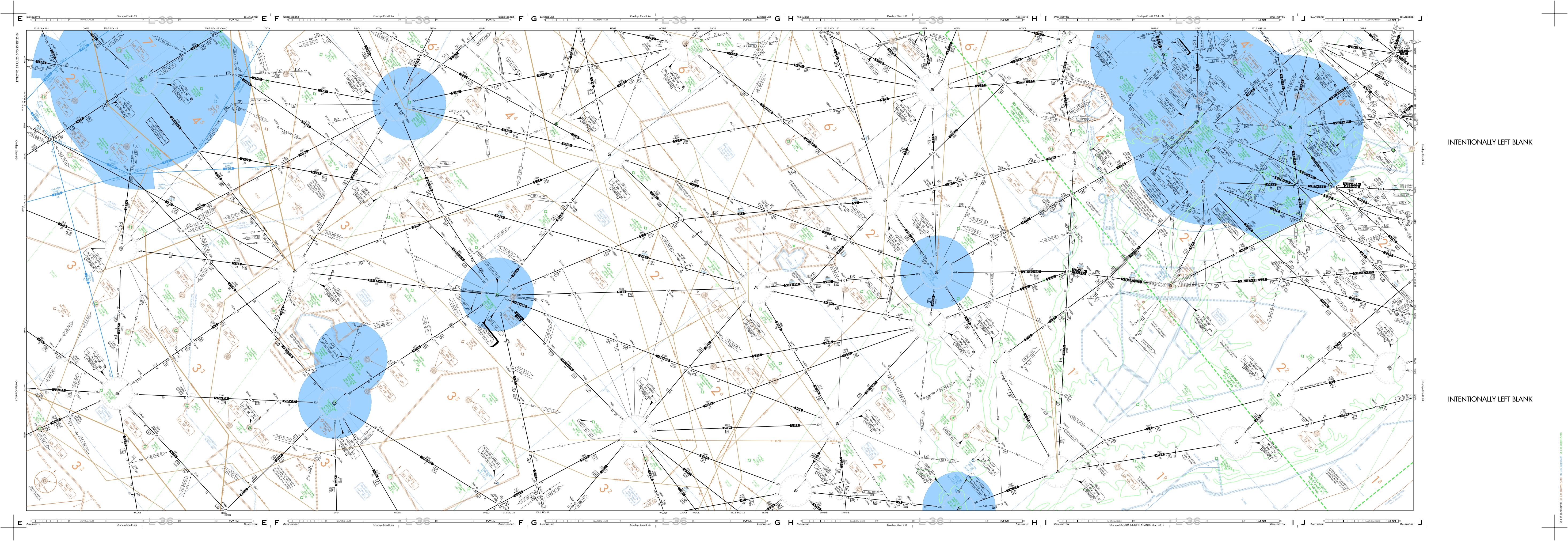
IFR within controlled airspace as assigned MTRs 5 NM or less both sides of centerline ──VR-000 → MTRs greater than 5 NM either or both sides of centerline IR-000 →

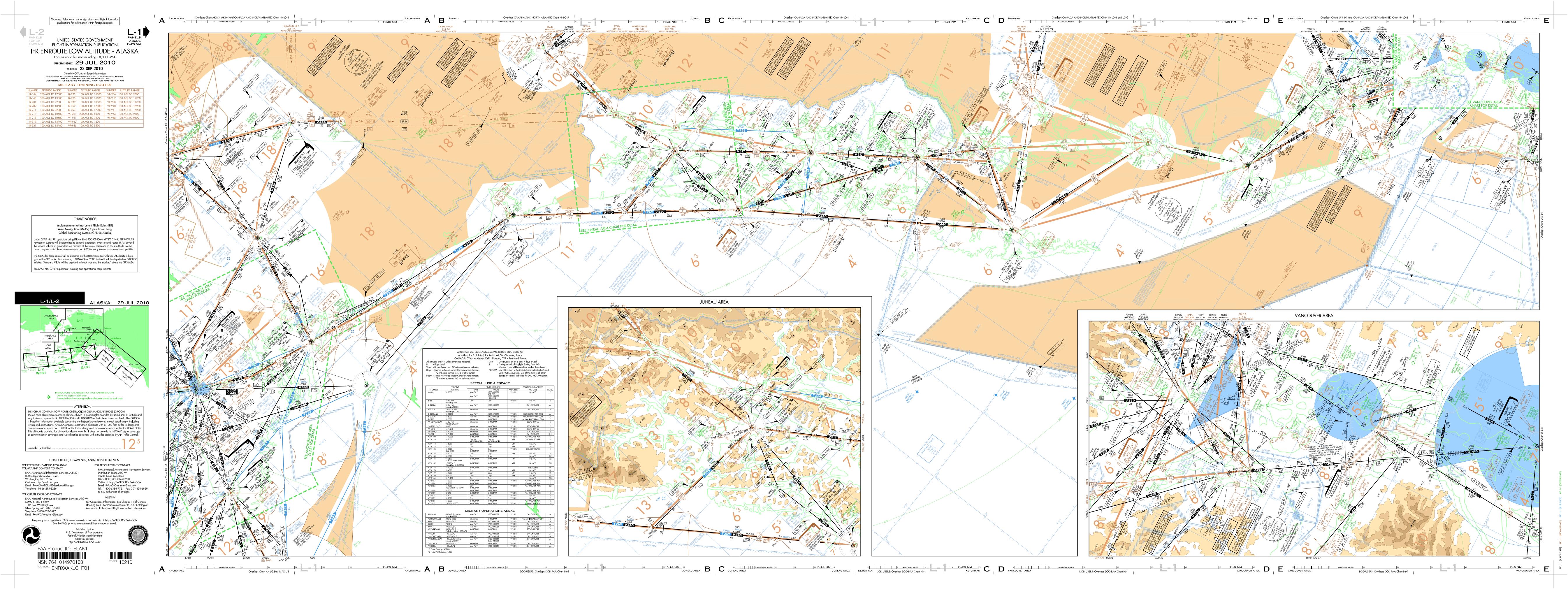
VR-000 → Arrow indicates direction of route

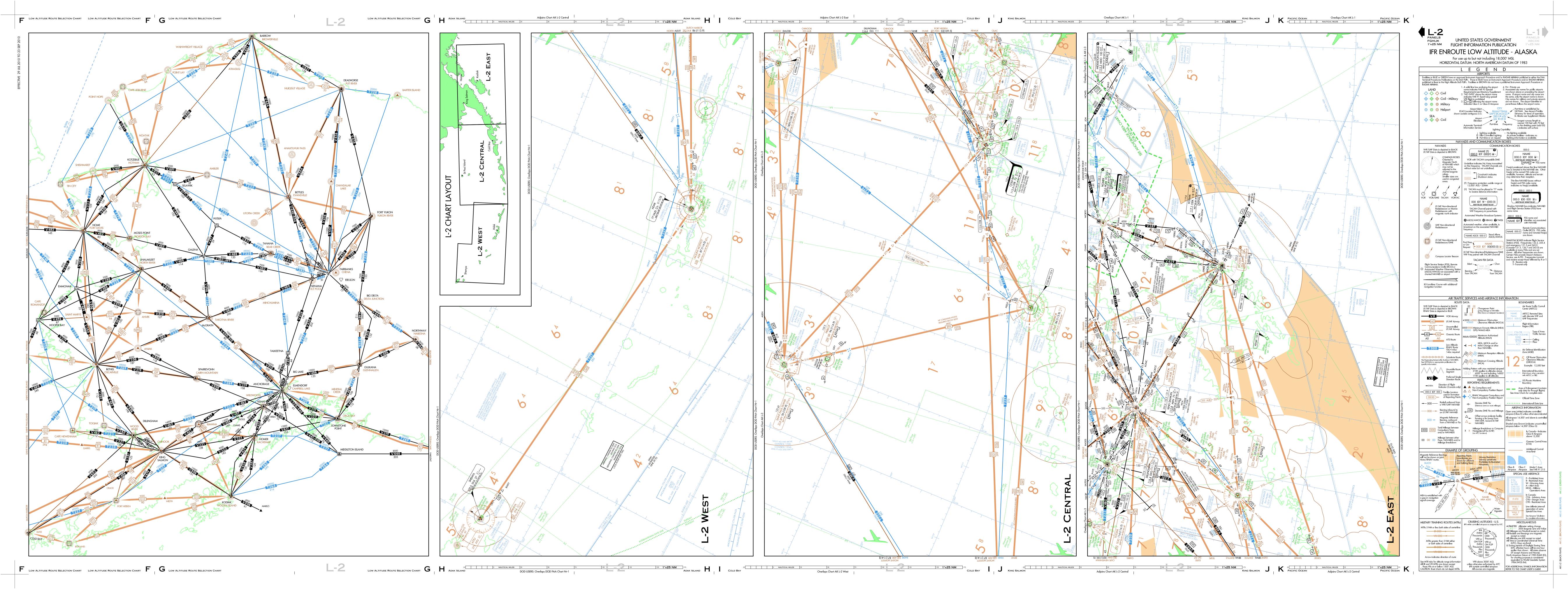
See MTR tabs for allitude range information All IR and VR MTRs are shown except those VRs at or below 1500' AGL CAUTION: Inset charts do not depict MTRs

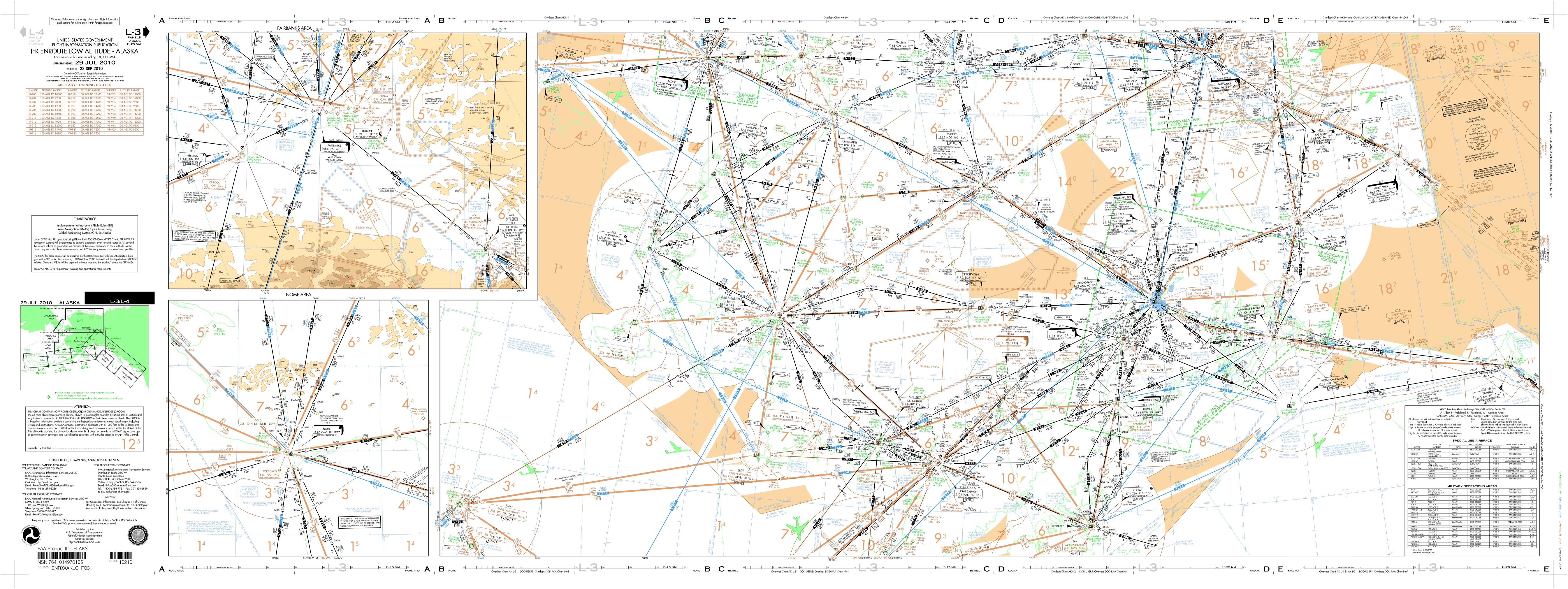
VFR above 3000' AGL unless otherwise authorized by ATC IFR outside controlled airspace All courses are magnetic

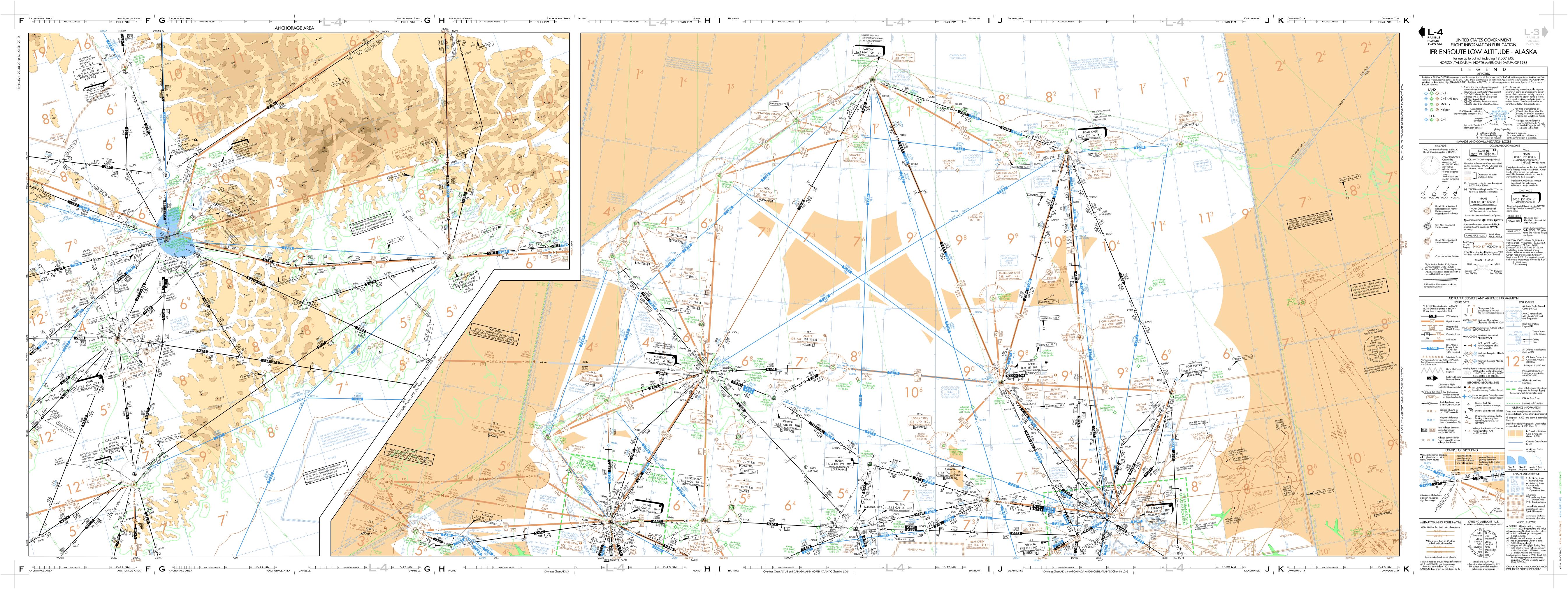
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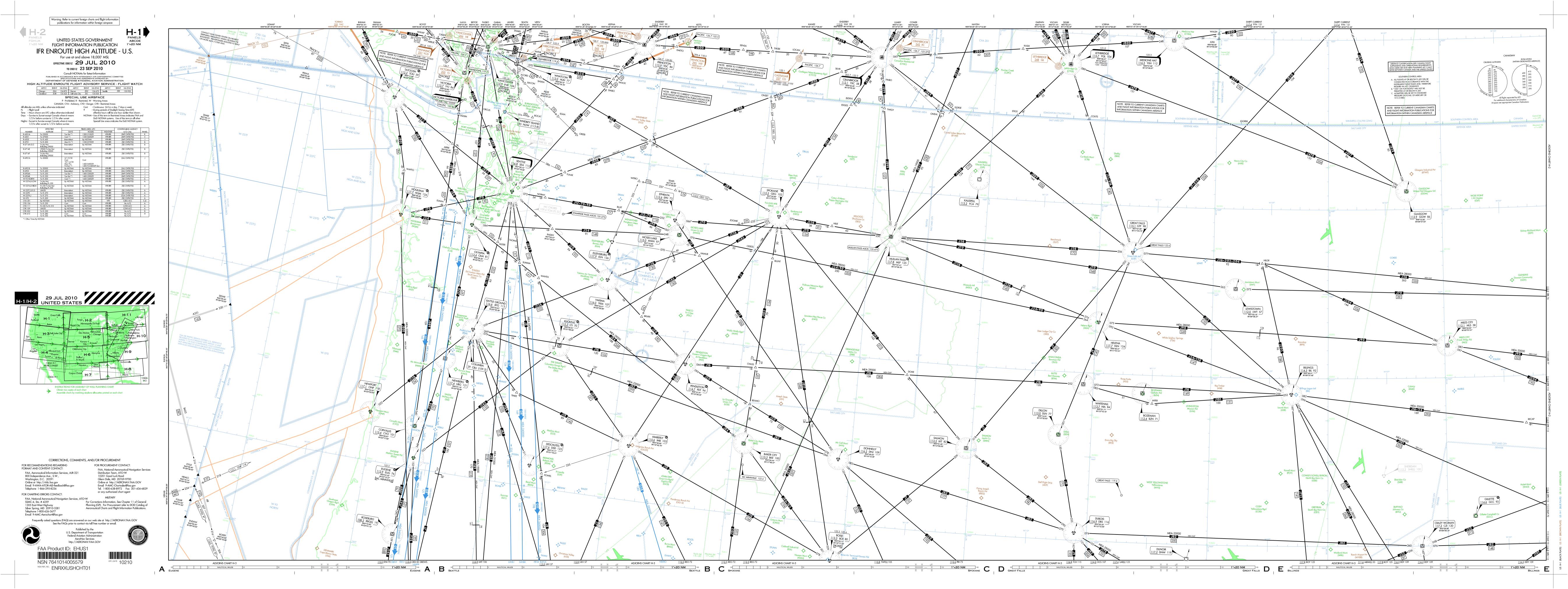


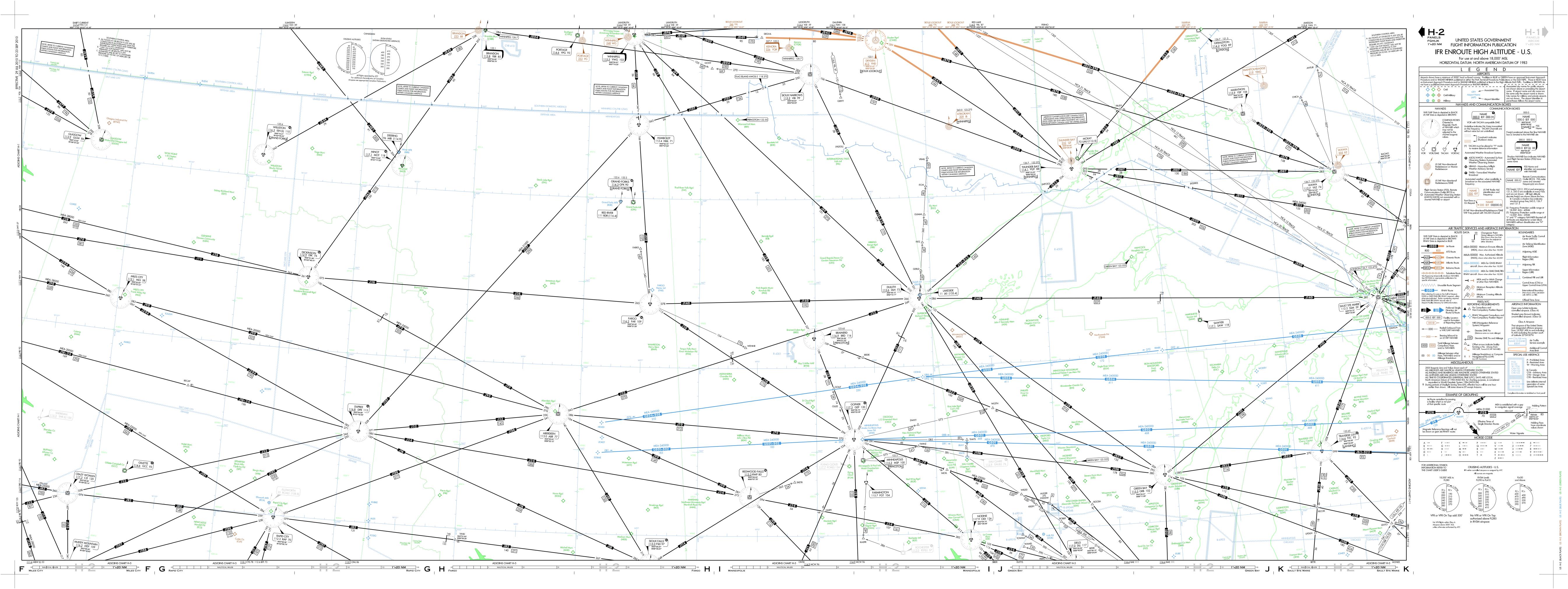


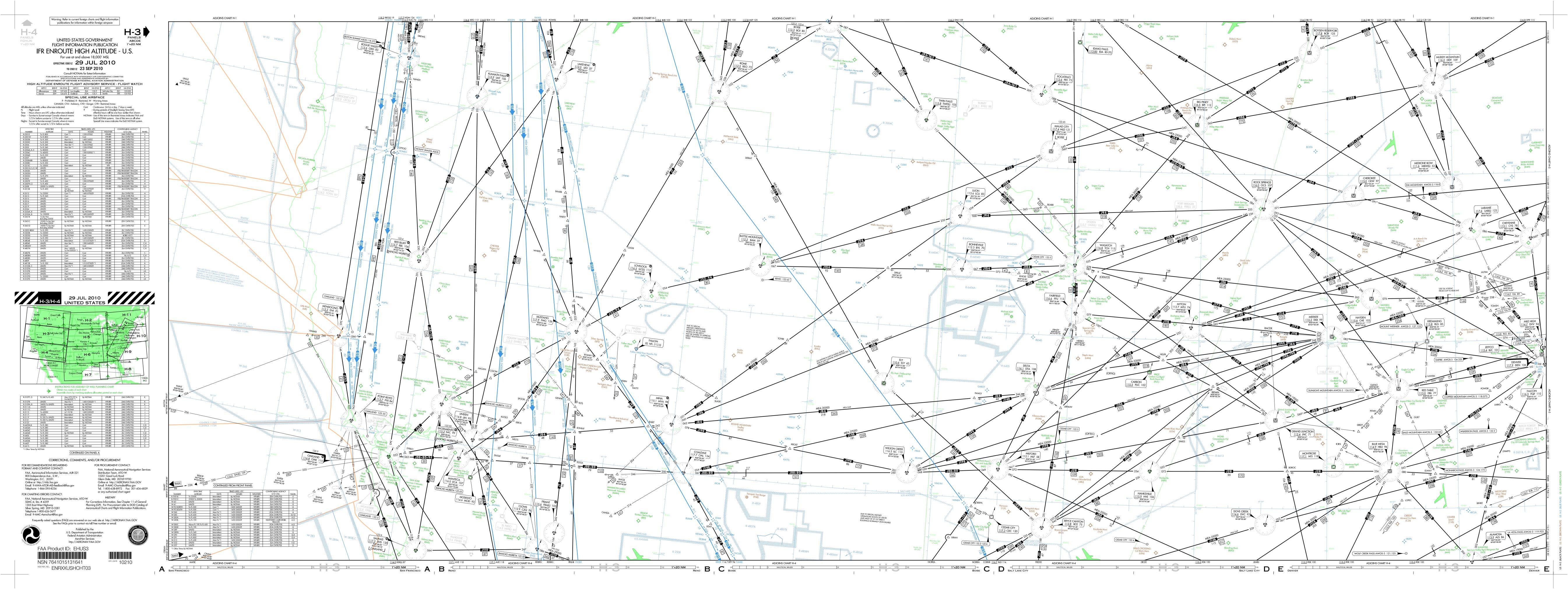












CINNY N36°10.90'-W124°45.60' ADJOINS CHART H-3 UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION 1"=20 NM IFR ENROUTE HIGH ALTITUDE - U.S. For use at and above 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 Airport Identifier NAME 000.0 IDT 000 (Y) VOR with TACAN compatible DME TWEB - Transcribed Weather
Broadcast (MEA), shown when other than 18,000' -00000G MEA for GNSS RNAV aircraft. Shown when other than 18,000' -00000D MEA for DME/DME/IRU Substitute Route RNAV aircraft. Shown when other than 18,000' Combined FIR and UIR MEA and/or MAA Change at other than NAVAIDS Unusable Route Segment

Minimum Reception Altitude (MRA) Minimum Crossing Altitude (MCA) FIXES/ATC REPORTING REQUIREMENTS Radial Outbound from a VHF/UHF NAVAID

Denotes DME Fix (Distance same as route mileage) Bearing Inbound to an LF/MF NAVAID

Bearing Inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage Mileage between other
Fixes, NAVAIDS and/or
Mileage Breakdown

Mileage Breakdown MISCELLANEOUS 2005 Isogonic Line and Value shown each 4° 4°W

ALL MILEAGES ARE NAUTICAL UNLESS OTHERWISE STATED

ALL RADIALS AND BEARINGS ARE MAGNETIC UNLESS OTHERWISE STATED

ALL AITITUDES ARE MSL UNLESS OTHERWISE STATED

ALL TIME IS COORDINATED UNIVERSAL TIME (UTC), DAYS ARE LOCAL

North American Datum of 1983 (NAD 83), for charting purposes, is considered equivalent to World Geodetic System 1984 (WGS 84).

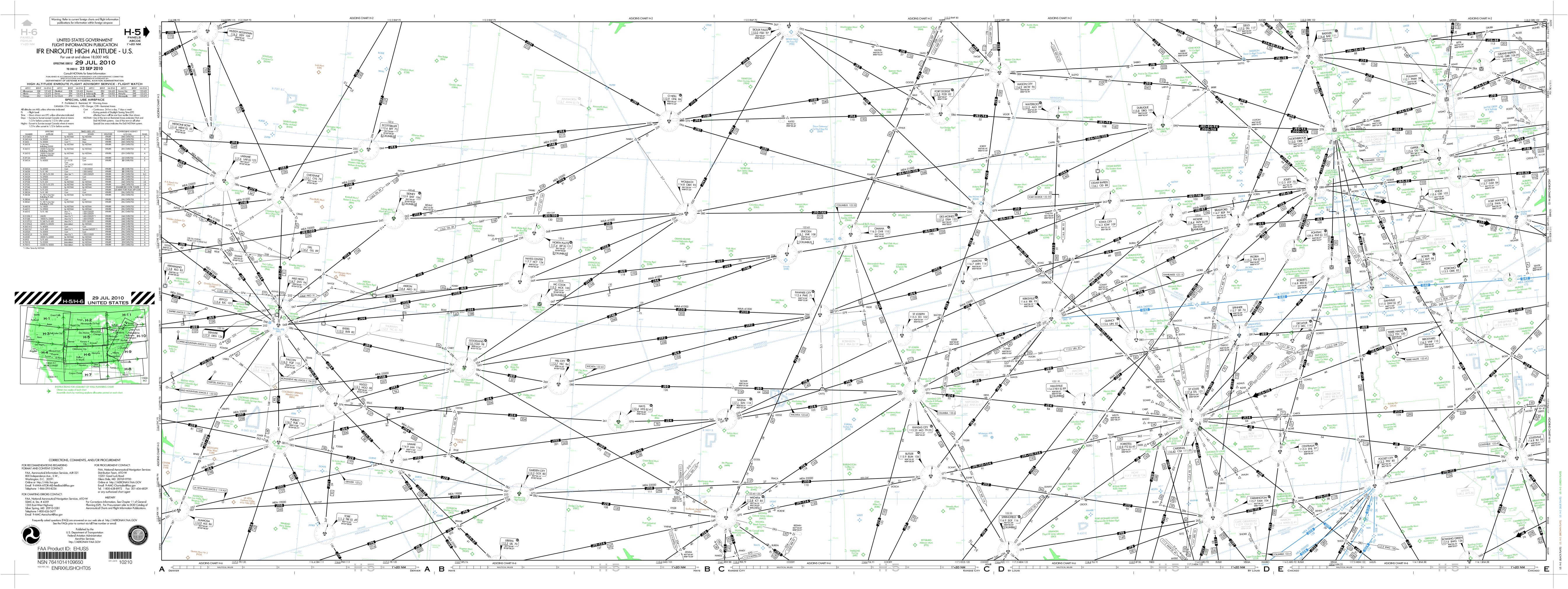
During periods of Daylight Saving Time (DT), effective hours will be one hour earlier than shown. All states observe DT except Arizona. In Canada: CYA - Advisory Area CYD - Danger Area CYR - Restricted Area EXAMPLE OF GROUPING A ·- F ·-· K ·-- P ·-- U ·-- 1 ·-- 6 ··· B ·-· G ·-- L ·-· Q ·-- V ··- 2 ··- 7 ·-· C ·-- H ··· M ·- R ·-· W ·-- 3 ··· 8 ·-· D ·-· I ·· N ·- S ··· X ·-- 4 ··· 9 ·-- E · J ·-- O ·-- T ·- Y ·-- 5 ··· O ·-- Z ·-- Z ·-- REPORT TO FAA RADIO PRIOR TO ENTERING ADIZ CRUISING ALTITUDES - U.S.

IFR within controlled airspace as assigned by ATC

All courses are magnetic

RVSM Levels

FL290 to FL410 Sells (E78) VFR or VFR On Top add 500'
No VFR or VFR On Top authorized above FL285
No VFR flights within Class A
Alignment of the 2000' ACL No VFR flights within Class A Airspace above 3000' AGL unless otherwise authorized by ATC ANATI AREN SEPTEMBERS OF AN ANTE AREN SEPTEMBERS OF AN OF AN ANTE AREN SEPTEMBERS OF AN ANTE AREN SEPT



UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION For use at and above 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 Airport Identifier NAME (000.0 IDT 000 (Y) VOR with TACAN compatible DME PANHANDLE 116.6 PNH 113

N35°14.11'
W101°41.94' TWEB - Transcribed Weather Broadcast ROUTE DATA
d in BIACK
BROWN
BLUE

OO

Changeover Point
Giving mileage to NAVAIDs
(Not shown when less than
SNM from the midpoint in
either direction) -00000D MEA for DME/DME/IRU Substitute Route RNAV aircraft. Shown when other than 18,000' Unusable Route Segment

Reception Altitude (MRA) FIXES/ATC REPORTING REQUIREMENTS AIRSPACE INFORMATION Radial Outbound from a VHF/UHF NAVAID

Denotes DME Fix (Distance same as route mileage) Bearing Inbound to an LF/MF NAVAID

Bearing Inbound to an LF/MF NAVAID

Denotes DME Fix and Mileage Additional Control Area limit SPECIAL USE AIRSPACE Mileage between other
Fixes, NAVAIDS and/or
Mileage Breakdown MISCELLANEOUS 2005 Isogonic Line and Value shown each 4° 4°W
ALL MILEAGES ARE NAUTICAL UNLESS OTHERWISE STATED
ALL RADIALS AND BEARINGS ARE MAGNETIC UNLESS OTHERWISE STATED
ALL ALITUDES ARE MSL UNLESS OTHERWISE STATED
ALL TIME IS COORDINATED UNIVERSAL TIME (UTC), DAYS ARE LOCAL
North American Datum of 1983 (NAD 83), for charting purposes, is considered
equivalent to World Geodetic System 1984 (WGS 84),

During periods of Daylight Saving Time (DT), effective hours will be one hour
earlier than shown. All states observe DT except Arizona. BELCHER 117.4 EIC 121 N32°46.28' W93°48.60' In Canada: CYA - Advisory Area CYD - Danger Area CYR - Restricted Area KIRST 129 264 113.1 Ⅲ 78 Line delimits internal separation of same Special Use Area JACKSON 112.6 JAN 73 N32°30.45' W90°10.06' EXAMPLE OF GROUPING MEA is established with a gap in navigation signal coverage

Holding Pattern ELM GROVE 49
111.2 EMG (L) 49
N32°24.01'
W93°35.71' Edwards Lucian
Wells Ranch Pvt
(TX31) A ·- F ··- K ·-- P ·-- U ··- 1 ·-- 6 ··· B ··· G ·-- L ··· Q ·-- V ··- 2 ··- 7 ·-· C ·-- H ··· M ·- R ·-- W ·-- 3 ··- 8 ·-- D ·-- I ·· N ·- S ··· X ·-- 4 ··· 9 ·-- E · J ·-- O ·-- T ·- Y ·-- 5 ··· O ·-- Z ·-- Z ·-- CRUISING ALTITUDES - U.S.

IFR within controlled airspace as assigned by ATC

All courses are magnetic Vaughan Ranch Pvt (TA89) (115.3 ACT 100) MC COMB 114 116.7 MCB 114 N31°18.27' W90°15.49' VFR or VFR On Top add 500'
No VFR or VFR On Top authorized above FL285
No VFR fights within Class A
Alignment of the 2000' ACL No VFR flights within Class A Airspace above 3000' AGL unless otherwise authorized by ATC 108.2 LLO (L) 19 N30°47.78' W98°47.24' R (L) 112 114.1 HRV 88 ADJOINS CHART H-7

125 1"=20 NM 150 K 25 Nautrical viles 0 25 1"=20 NM 50 NASHVILLE NASHVILLE NASHVILLE AMUKI ADIOINS CHART H-7

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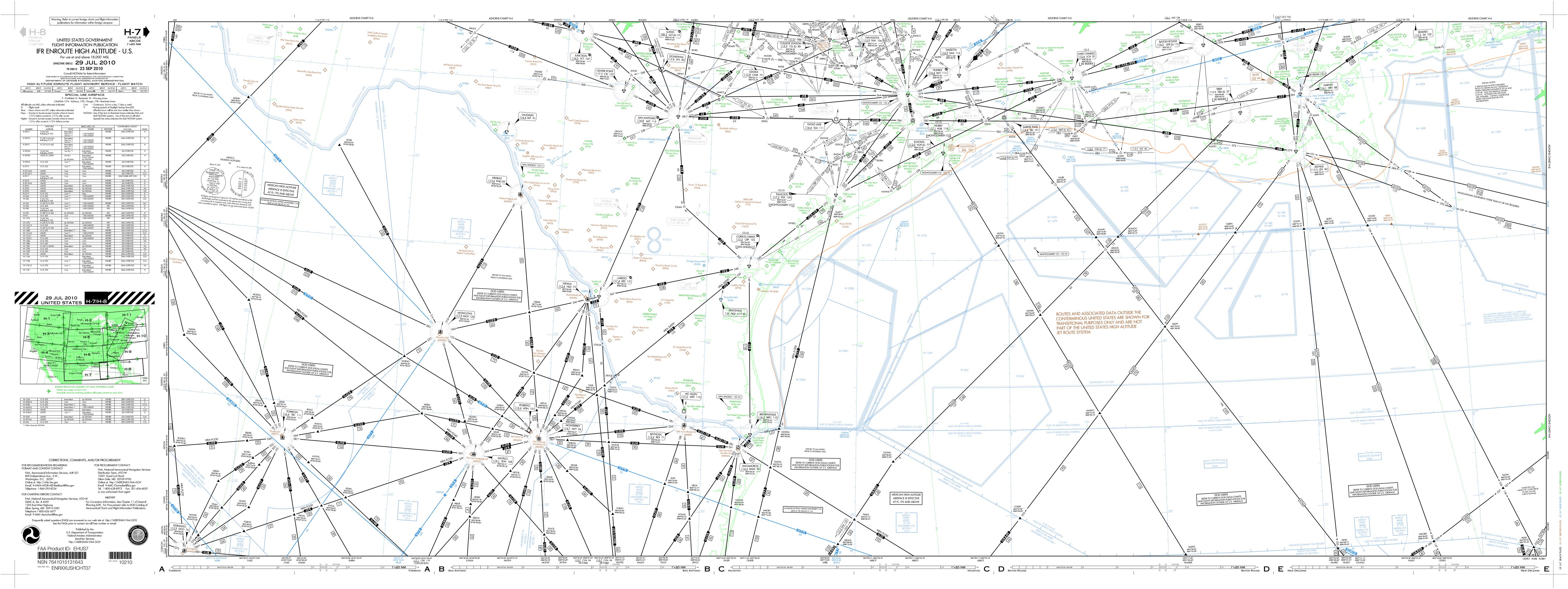
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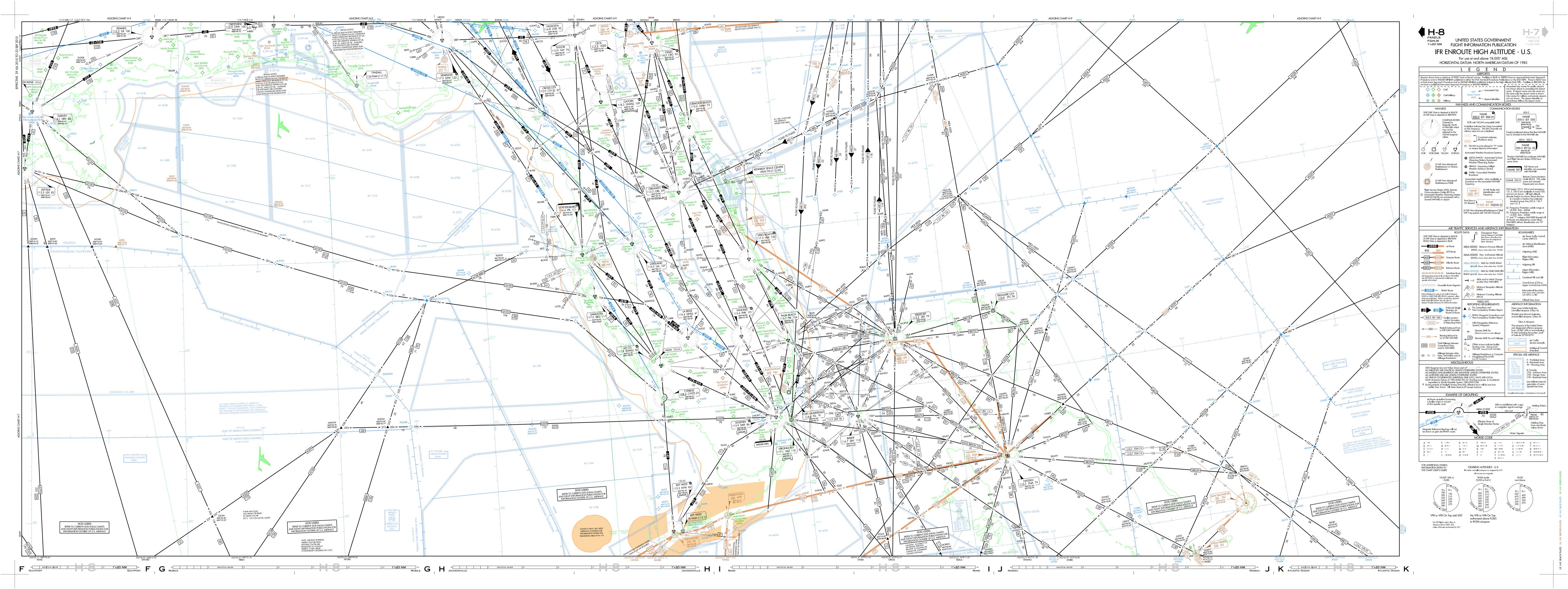
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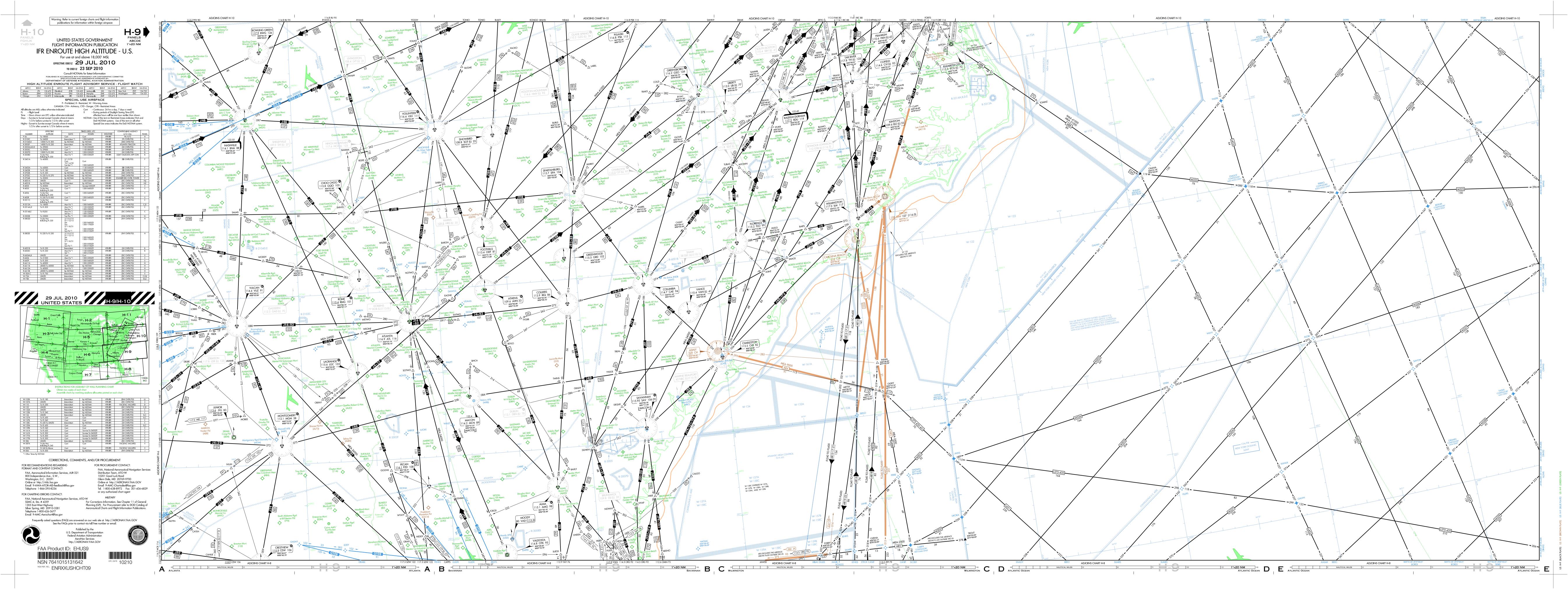
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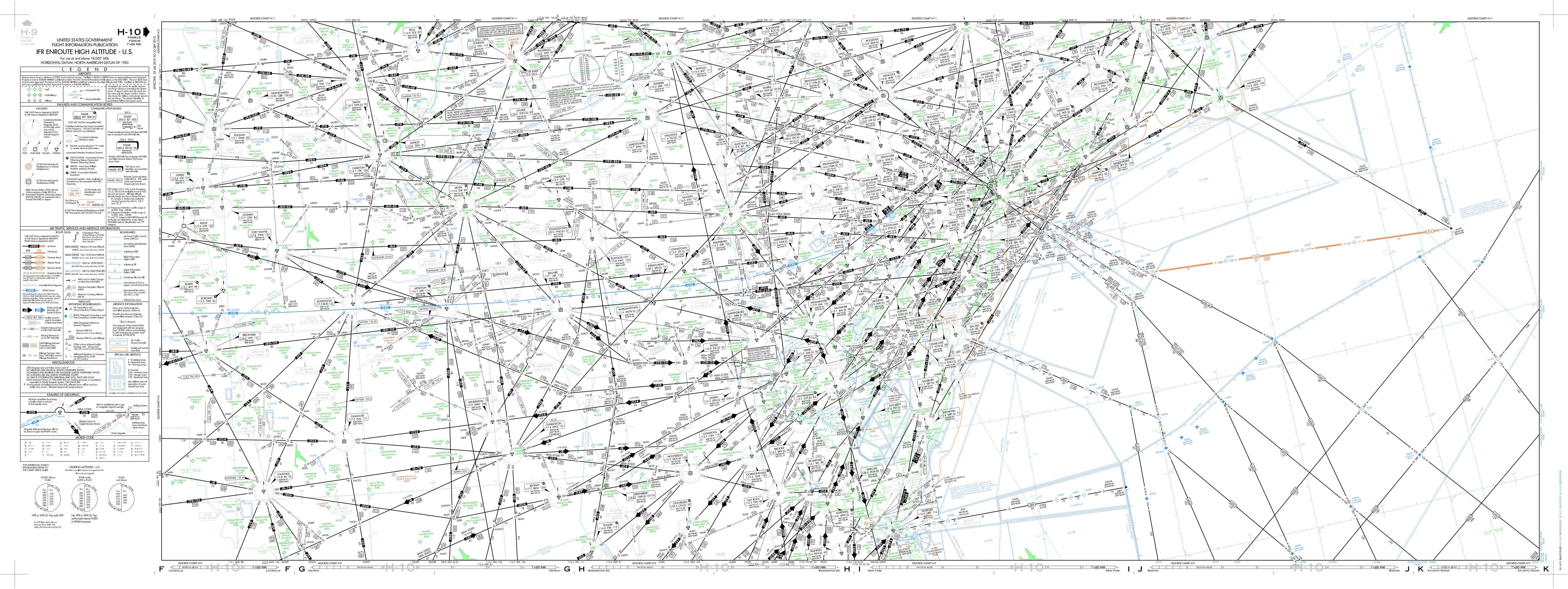
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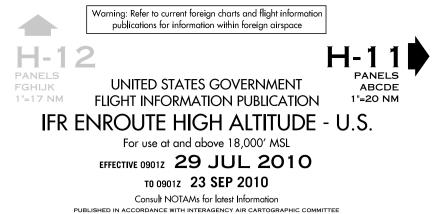
ADIOINS





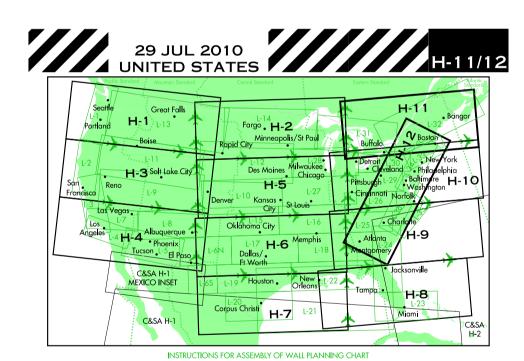






PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE
SPECIFICATIONS AND AGREEMENTS APPROVED BY:
DEPARTMENT OF DEFENSE * FEDERAL AVIATION ADMINISTRATION
HIGH ALTITUDE ENROUTE FLIGHT ADVISORY SERVICE - FLIGHT WATCH

ARTIC IDENT HA-EFAS ARTCC
	EFFECTIVE		TIMES USED, UTC		CONTROLLING AG
NUMBER	ALTITUDE	DAYS	HOURS	WEATHER	A/G CALL
P-56	To 18000	Cont	Cont	VFR-IFR	No A/G
R-2102C	To 24000	Intermittent *1	1200-0400Z‡	VFR-IFR	ZTL CNTR/FS:
R-3002F	To FL 250	Intermittent	By NOTAM	VFR-IFR	ZTL CNTR/FS
R-3005A,B,D,E	To 29000	Cont *1	1100-0500Z‡	VFR-IFR	ZJX CNTR/FS
R-3005C	To 29000	Cont *1	1100-0800Z‡	VFR-IFR	ZJX CNTR/FS
R-3007D	To FL 250	Mon-Fri *1	1200-0300Z‡	VFR-IFR	ZJX CNTR/FS
R-4001A	UNLTD	Cont *1	1200-0500Z‡	VFR-IFR	ZDC CNTR/FS
R-4001B	By NOTAM	Intermittent	By NOTAM	VFR-IFR	ZDC CNTR/FS
R-4002	To 20000	Cont *1	Sunrise-0500Z‡	VFR-IFR	ZDC CNTR/FS
R-4005	To But Not Including FL 250	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FS
R-4006	To But Not Including FL 250	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FS
R-4008	FL 250 To FL 850	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FS
R-4201A	To 23000	Tue-Sat *1	1300-2100Z‡	VFR-IFR	ZMP CNTR/FS
R-4207	To FL 450	Intermittent By NOTAM	Days	VFR-IFR	ZMP CNTR/FS
R-5201	То 23000	4/1-9/30 10/1-3/31 *1	Cont 1100-2300Z‡	VFR-IFR	ZBW CNTR/FS
R-5202A	23000 To FL 290	5/1-8/31 9/1-4/30 Mon-Fri *1	1300-2200Z‡ 1300-0300Z‡	VFR-IFR	ZBW CNTR/FS
R-5202B	To FL 290	5/1-8/31 9/1-4/30 Mon-Fri *1	1300-2200Z‡ 1300-0300Z‡	VFR-IFR	ZBW CNTR/FS
R-5203	To FL 500	By NOTAM	By NOTAM	VFR-IFR	ZOB CNTR/FS
R-5311C	To But Not Including FL 290	Cont	Cont	VFR- I FR	ZDC CNTR/FS
R-5802D	To But Not Including FL 220	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR-IFR	zny cntr/fs
R-5802E	FL 220 To FL 250	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR- I FR	ZNY CNTR/FS
R-6001B	To FL 230	Intermittent	1130-0500Z‡	VFR-IFR	ZJX CNTR/FS
R-6002C	To FL 230	Mon-Fri *1 Sat *1	1100-0500Z‡ 1300-2100Z‡	VFR- I FR	ZJX CNTR/FS
R-6604A,B	UNLTD	Cont	Cont	VFR-IFR	ZDC CNTR/FS
R-6606	To 51000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FS
R-6609	To FL 200	Cont *1	1300-0400Z‡	VFR-IFR	ZDC CNTR/FS
P-6611A	To 40000	Mon-Fri *1	1300-22007#	VED-IED	ZDC CNTD/ES



Obtain two copies of each chart
Assemble charts by matching airplane silhouettes printed on each chart

W-1 <i>77</i> A	To FL 500	Cont	Sunrise To 0600Z‡	VFR-IFR	ZJX CNTR/FSS	G
W-386	UNLTD	Intermittent	By NOTAM	VFR-IFR	ZDC CNTR/FSS	H,I
CYA 521	To FL 230	By NOTAM	By NOTAM	VFR-IFR	CZYZ ACC	В
CYA 530	To FL 500	By NOTAM	By NOTAM	VFR-IFR	CZYZ ACC	B,C,J
CYA 752	To FL 280	Mon-Fri *1	Days	VFR-IFR	CZQM ACC	E
CYD 734	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYD 735	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYD 736	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYD 737	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYD 739	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYD 743	To FL 300 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
CYR 511	To FL 200	Cont	Cont	VFR-IFR	No A/G	B,C
CYR 603	To FL 270	By NOTAM	By NOTAM	VFR-IFR	QUEBEC TERMINAL	D
CYR 724	To FL 250	Cont	Cont	VFR-IFR	No A/G	E

FOR RECOMMENDATIONS REGARDII FORMAT AND CONTENT CONTACT: FAA, Aeronautical Information Service 800 Independence Ave., S.W., Washington, D.C. 20591 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@f Telephone 1-866-295-8236

FOR CHARTING ERRORS CONTACT:

FAA, National Aeronautical Navigation Services, ATO-W
SSMC-4, Sta. # 4259 For Cor
1305 East-West Highway Plannin
Silver Spring, MD 20910-3281 Aerona
Telephone 1-800-626-3677
Email 9-AMC-Aerochart@faa.gov

U.S. Department of Transportation Federal Aviation Administration AeroNav Services http://AERONAV.FAA.GOV

FAA Product ID: EHUS11



UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION IFR ENROUTE HIGH ALTITUDE - U.S. For use at and above 18,000' MSL HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

LEGEND

<u>'</u>	L G E IN L	/		
A:	AIRPORTS	TRIL		
Procedure and/or RADAR MINIMA publishe	ard surfaced runway. Facilities in BLUE or GRE d in either the FAA Terminal Procedures Public KADAR MINIMA published at least in the High rocedure or RADAR MINIMA	ations or the DoD FLIPS. Those in BLUE hav Altitude DoD FLIPs. Facilities in BROWN do		
	CITY - Associated City	Associated city names for public airports are shown above or preceding the airport name. If airport name and city name are		
- Civil-Military	Airport Name (APT) Airport Identifier	the same only the airport name is shown. City names for military and private airpor are not shown. The airport identifier in		
◯ ◯ ◯ Military	I 'AIDS AND COMMUNICATION BO	parentheses follows the airport name.		
NAVAIDS	COMMUNICATION BOXES			
VHF/UHF Data is depicted in BLACK		000.0		
LF/MF Data is depicted in BROWN COMPASS ROSES	000.0 IDT 000 (Y)	NAME 000.0 IDT 000		
Oriented to Magnetic North	VOR with TACAN compatible DME	Noo°00.00' — w000°00.00'		
of NAVAID which may not be	Underline indicates No Voice transmitted on this frequency. TACAN Channels are	NAME - FSS Name		
adjusted to the	without voice but not underlined.	Freq(s) positioned above thin line NAVAI		
charted isogonic values.	Crosshatch indicates	box is remoted to the NAVAID site		
	Shutdown status	000.0 000.0		
	(Y) TACAN must be placed in "Y" mode to receive distance information	NAME 000.0 IDT (L) 00		
VOR VOR/DME TACAN VORTAC	Automated Weather Broadcast Systems:	N00°00.00',		
	ASOS/AWOS - Automated Surface Observing Station/Automated Weather Observing Station	Shadow NAVAID box indicates NAVAID and Flight Service Station (FSS) have same name		
LF/MF Non-directional Radiobeacon or Marine Radiobeacon	HIWAS - Hazardous Inflight Weather Advisory Service	FSS Name and identifier not associate		
/	TWEB - Transcribed Weather Broadcast	with NAVAID		
LF/MF Non-directional Radiobeacon/DME	Automated weather, when available, is broadcast on the associated NAVAID frequency.	NAME 000.0 Remote Communication Outlet (RCO). FSS radi name and remoted frequency(s) are shown		
Flight Service Station (FSS), Remote Communications Outlet (RCO) or Automated Weather Observing Station (AWOS/ASOS) not associated with a	NAME OOO IDT LF/MF Radio Aid identification and frequency	FSS freq(s) 122.2, 255.4 and emergency 121.5, 243.0 are available at many FSSs and are not shown. All high altitude discrete freq(s) are shown above the box.		
charted NAVAID or airport	Part-Time or NAME On-Request * 000 IDT 00(000.0)	In Canada a shadow box indicates standard group freq 243.0, 126.7 and 121.5		
	LF/MF Non-directional Radiobeacon/DME VHF Freq paired with TACAN Channel	(L) Frequency Protection usable range at 18,000° AGL - 40NM (T) Frequency Protection usable range at 12,000° AGL - 25NM "L" and "T" category NAVAIDS located of Jet Routes are depicted in screen black. NAVAIDS without d		

		category.
AIR TRAFF	C SERVICES AND AIRSPACE INFO	DRMATION
ROUTE	DATA 00 Changeover Point	BOUNDARIES
VHF/UHF Data is depicted in BLACK LF/MF Data is depicted in BROWN RNAV Data is depicted in BLUE	Giving mileage to NAVAIDs (Not shown when less than 5NM from the midpoint in either direction)	Air Route Traffic C Center (ARTCC)
JOO Jet Route	MEA-00000 Minimum Enroute Altitude	Air Defense Identif Zone (ADIZ)
ROO ROO ATS Route	(MEA), shown when other than 18,000'	Adjoining ADIZ
A00 Oceanic Route	MAA-00000 Max. Authorized Altitude (MAA), shown when other than 45,000'	Flight Information Region (FIR)
ARO Atlantic Route	MEA-0000G MEA for GNSS RNAV aircraft. Shown when other than 18,000'	Adjoining FIR
BROL Bahama Route Substitute Route	MEA-00000D MEA for DME/DME/IRU RNAV aircraft. Shown when other than 18,000'	Upper Information Region (UIR)
Via/bypassing temporarily shutdown NAVAIDS. See NOTAMs or appropriate publications for specific information.	MEA and/or MAA Change	Combined FIR and
Unusable Route Segment	at other than NAVAIDS	Control Area (CTA Upper Control Are
RNAV Route	Minimum Reception Altitude (MRA)	International Bound
(Not including Q routes in the Gulf of Mexico). GNSS or DME/DME/IRU RNAV required, unless otherwise indicated. Radar monitoring required.	Minimum Crossing Altitude (MCA)	with ARTCC or FIR)
DME/DME/IRU RNAV aircraft refer to	FIXES/ATC	····· Official Time Zone
Airport/Facility Directory for DME information.	REPORTING RÉQUIREMENTS	AIRSPACE INFORMATIOI
Preferred Single Direction Jet Route/Q Route	▲ △ Fix Compulsory and Non-Compulsory Position Report	Open area (white) indicates controlled airspace. (Class A)
000.0 IDT 000 Facility Locators	RNAV Waypoint Compulsory and Non-Compulsory Position Report	Shaded area (brown) indicate uncontrolled airspace. (Class C
used in formation of Reporting Points	NRS (Navigation Reference	Class A Airspace
	System) Waypoint	That airspace of the United Sta
Radial Outbound from a VHF/UHF NAVAID	 Denotes DME Fix (Distance same as route mileage) 	and designated offshore airsp from 18,000′ MSL to and inclu FL 600 excluding the portion s
— 000 — Bearing Inbound to an LF/MF NAVAID	Denotes DME Fix and Mileage	of Latitude 25°04′00"N

EXAMPLE OF GROUPING

VFR or VFR On Top add 500'
No VFR or VFR On Top authorized above FL285
No VFR flights within Class A
in RVSM airspace

Line delimits internal separation of same Special Use Area

Complete information is tabulated on front panel

Mileage between other
O Fixes, NAVAIDS and/or Mileage Breakdown or Computer SPECIAL USE AIRSPACE
(no AIC functions)

Mileage Breakdown

X X Mileage Breakdown or Computer SPECIAL USE AIRSPACE
(no AIC functions) 2005 Isogonic Line and Value shown each 4° 4°W
ALL MILEAGES ARE NAUTICAL UNLESS OTHERWISE STATED
ALL RADIALS AND BEARINGS ARE MAGNETIC UNLESS OTHERWISE STATED
ALL ALTITUDES ARE MSL UNLESS OTHERWISE STATED
ALL TIME IS COORDINATED UNIVERSAL TIME (UTC), DAYS ARE LOCAL
North American Datum of 1983 (NAD 83), for charting purposes, is considered
equivalent to World Geodetic System 1984 (WGS 84).
During periods of Daylight Saving Time (DT), effective hours will be one hour
earlier than shown. All states observe DT except Arizona.

1734	1/52	To FL 280	Mon-tri * I	Days	VFR-IFR	CZQM ACC	E
0.736	734	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
0.737 To FL 200 °2 By NOTAM By NOTAM VFR.JFR CZQM ACC E	735	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
10,739 To FL 200 *2 By NOTAM By NOTAM VFR-IFR CZQM ACC E	736	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
0.743 To FL 300 *2 By NOTAM By NOTAM VFR-IFR CZQM ACC E	737	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
511 To FL 200 Cont Cont VFR-IFR No A/G B,C 603 To FL 270 By NOTAM By NOTAM VFR-IFR QUEBEC TERMINAL D 7/24 To FL 250 Cont Cont VFR-IFR No A/G E	739	To FL 200 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
603 To FL 270 By NOTAM By NOTAM VFR-IFR QUEBEC TERMINAL D .724 To FL 250 Cont Cont VFR-IFR No A/G E Dither Times By NOTAM	743	To FL 300 *2	By NOTAM	By NOTAM	VFR-IFR	CZQM ACC	E
.724 To FL 250 Cont Cont VFR-IFR No A/G E Other Times By NOTAM	511	To FL 200	Cont	Cont	VFR-IFR	No A/G	B,C
Other Times By NOTAM	603	To FL 270	By NOTAM	By NOTAM	VFR-IFR	QUEBEC TERMINAL	D
	724	To FL 250	Cont	Cont	VFR-IFR	No A∕G	E

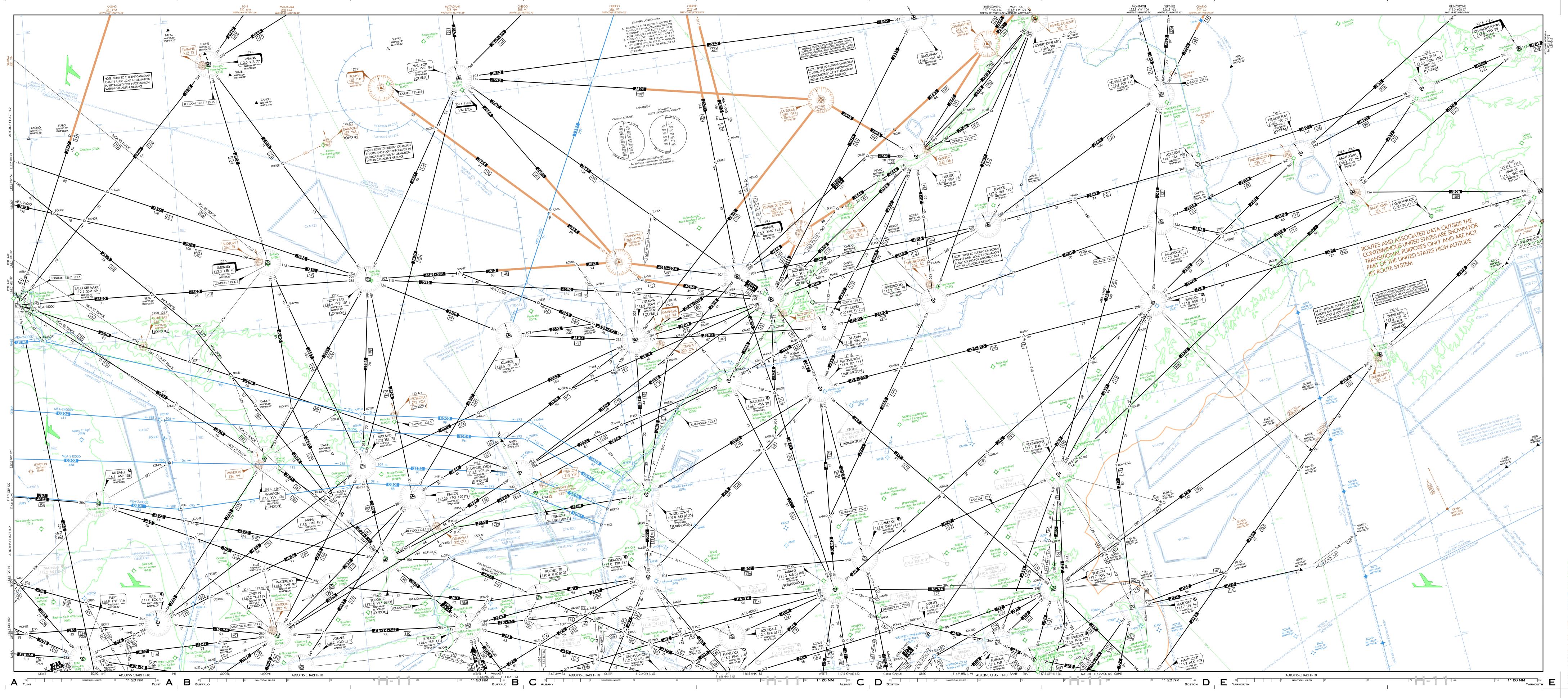
CTIONS, COMMENTS	, AND/OR PROCUREMENT	B G H	K P U L Q V M R W N S X Z	3 ··· 8· 4 ···- 9 5 ···· 0
RDING	FOR PROCUREMENT CONTACT:	FOR ADDITIONAL SYMBOL	CRUISING ALTITUDES - U.S.	
ACT: Services, AJR-321	FAA, National Aeronautical Navigation Services Distribution Team, ATO-W	INFORMATION REFER TO THE CHART USER'S GUIDE	IFR within controlled airspace as assigned by ATC All courses are magnetic	
	10201 Good Luck Road Glenn Dale, MD 20769-9700 Online at http://AERONAV.FAA.GOV	18,000′ MSL to FL280	RVSM Levels FL290 to FL410	FL430 and Above
oack@faa.gov	Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829 or any authorized chart agent	FL's FL's 180	FL's FL's 290	Fl's Fl's

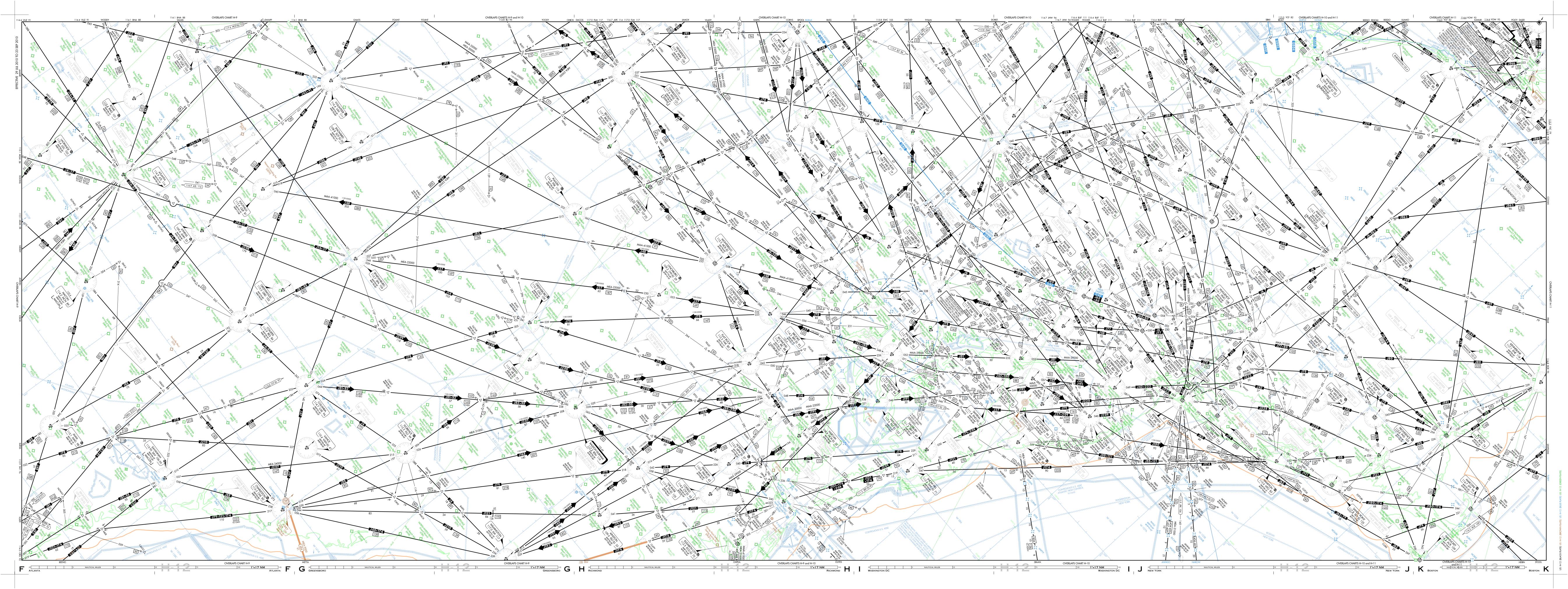
For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

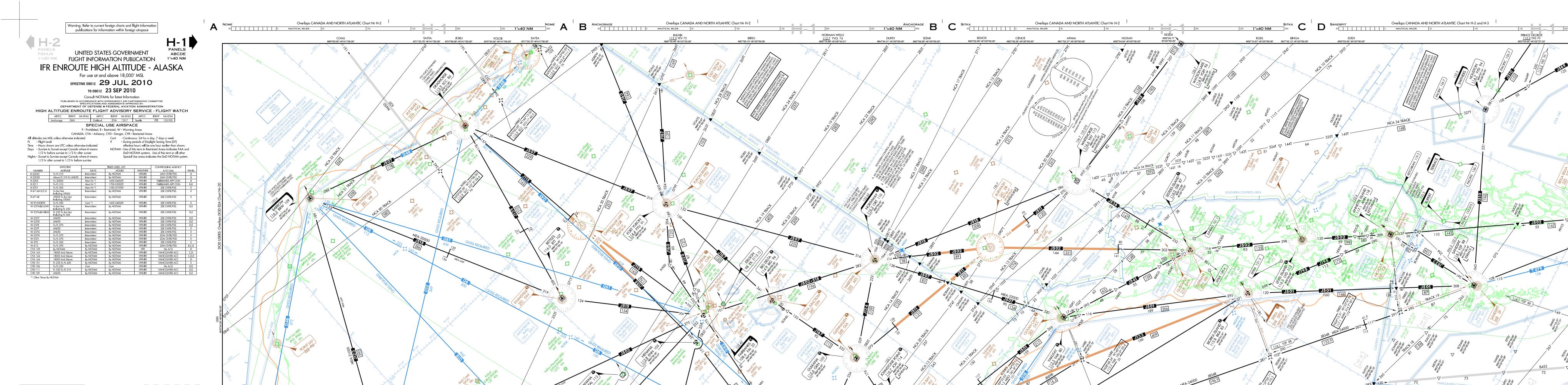


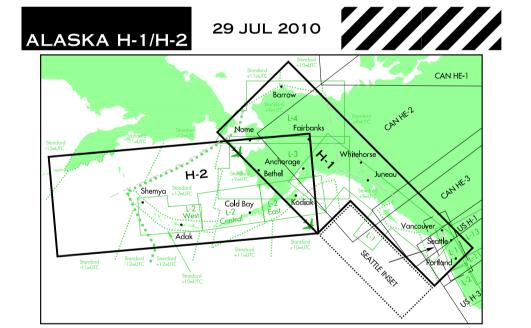












INSTRUCTIONS FOR ASSEMBLY OF WALL PLANNING CHART
Obtain two copies of each chart
Assemble charts by matching airplane silhouettes printed on each chart

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

FOR RECOMMENDATIONS REGARDING FORMAT AND CONTENT CONTACT: FAA, Aeronautical Information Services, AJR-321 800 Independence Ave., S.W., Washington, D.C. 20591 Online at http://nfdc.faa.gov Email 9-AWA-ATOR-AIS-feedback@faa.gov Telephone 1-866-295-8236

10201 Good Luck Road Glenn Dale, MD 20769-9700 Online at http://AERONAV.FAA.GOV Email 9-AMC-Chartsales@faa.gov Tel. 1-800-638-8972 Fax 301-436-6829 or any authorized chart agent FOR CHARTING ERRORS CONTACT:

FAA, National Aeronautical Navigation Services, ATO-W
SSMC-4, Sta. # 4259 For Cor
1305 East-West Highway Plannin
Silver Spring, MD 20910-3281 Aerona
Telephone 1-800-626-3677
Email 9-AMC-Aerochart@faa.gov For Corrections Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

Frequently asked questions (FAQ) are answered on our web site at http://AERONAV.FAA.GOV

See the FAQs prior to contact via toll free number or email.

U.S. Department of Transportation Federal Aviation Administration AeroNav Services http://AERONAV.FAA.GOV





